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# NUMBERS & ODDITIES #
//////////////////////////////////// \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
- Editor: Ary Boender      *****      e-mail: ary@luna.nl -
- Nickname on IRC channels #wun #monitor #numbers: Ary-B -
- N&O home page: http://home.luna.nl/~ary/ -
- - - - -
- Logs: Patricia Johnston <patricia_johnston@bc.sympatico.ca> -
- - - - -
- Online database: Chris Smolinski <csmolinski@erols.com> -
- http://www.spynumbers.com/numbersDB/ -
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-::: N&O #24 :::-

Welcome to the 33rd edition of Numbers & Oddities. No, this is not a typo. The first 9 editions already appeared in 1995 and the column re-surfaced exactly two years ago, in March 1998. I am glad that there are still a lot of numbers stations left to listen to and I think that the interest in these stations is still growing. Not only amongst the radio enthusiasts but also the media are interested. Recently National Public Radio hosted a show in which Mike Chace appeared as a representative of WUN. Although this show was not about numbers stations, a recording of 8BY was aired by NPR. A couple of months ago the Russian newspaper Segodnya did a story about FAPSI, and the Cyprus Broadcasting Corporation covered the Lincolnshire Poacher in one of their main news bulletins, aired in February. Radio Netherlands covered the subject in the past and has an article about these stations on their homepage. There is a link to Radio Netherlands on the N&O website.

Unfortunately I have very little time to spin the dial these days or to look for info for N&O, therefore I am very grateful for all your contributions. Keep it coming folks!

I understand that the Israeli Intelligence stations (E10) also use VHF/UHF frequencies. Do you know the frequencies, or do you know other numbers stations on VHF/UHF, please let me know because I would like to compile a VHF/UHF frequency list of these stations. Thanks!

-0-0-0-0-0-0-0-0-0-0-

* VOICE STATIONS *

::: CHINESE NUMBERS STATIONS ANALYSES [V09 & BCN]

I published an interesting discovery from Igor in N&O #20. Igor analysed traffic from Guanzhou (V09) with a surprising result. I have done the same with several other messages from Guanzhou and its CW sister BCN with the same result. So it seems that Igor's theory still stands. What it exactly means is still a guess though. The theory is

that per five 4-figures groups only one group counts. A mathematical trick narrows the chance of an error down. It is however important that the message is read/sent flawless. While calculating I made the assumption that when the groups didn't match a typo was made by either the sender or the dxe who jotted the numbers down. The points of similarity in the outcome of the calculations indicate that this is most probably no coincidence. Note that this theory works for the majority of the messages, not all though (see first message). Your ideas and suggestions are most welcome.

::: GUANGZHOU

nr 1 gr 33

2564 7862 9166 3542 1828 4857 7344 8881 3312 7286

1418 2688 6200 9495 2654 7334 6295 6714 2334 3128

3918 7213 4713 8626 7535 7032 5821 6225 4580 2182

1650 0725 0735 <the theory does not apply to this message>

Original message

nr 16 gr 18

1683 2497 5205 4167 9186 4435 5249 8057 7919 2938

3106 4814 7722 6694 1603 1882 2590 5408

Reorder message

1683 2497 5205 4167 9186

4435 5249 8057 7919 2938

3106 4814 7722 6694 1603

1882 2590 5408

Line one	1683 2497 5205 4167 9186
Distract line two	4435 5249 8057 7919 2938

	7248 7248 7148 7248 7248

line two	4435 5249 8057 7919 2938
Distract line three	3106 4814 7722 6694 1603

	1321 435 335 1225 1335

line three	3106 4814 7722 6694 1603
Distract line four	1882 2590 5408

	1224 2224 2214

Original message

nr 13 gr 19

0183 2164 2487 1623 4409 9502 1583 1806 0242 3828

4390 6370 6693 5039 8615 1947 3928 3241 2687

Reorder message

0183 2164 2487 1623 4409
9502 1583 1806 0242 3828
4390 6370 6693 5039 8615
1947 3928 3241 2687

Line one 0183 2164 2487 1623 4409
Distract line two 9502 1583 1806 0242 3828

681 581 681 1381 581

Line two 9502 1583 1806 0242 3828
Distract line three 4390 6370 6693 5039 8615

5112 5213 5113 5203 5213

Line three 4390 6370 6693 5039 8615
Distract line four 1947 3928 3241 2687

2443 2442 2452 2352

Original message

nr ? gr 18
4894 3084 1263 7272 4329 3207 2497 0676 6685 3732
6959 5149 3328 9337 6484 4583 3773 1952

Reorder message

4894 3084 1263 7272 4329
3207 2497 0676 6685 3732
6959 5149 3328 9337 6484
4583 3773 1952

Line one 4894 3084 1263 7272 4329
Distract line two 3207 2497 0676 6685 3732

1687 1587 587 587 597

Line two 3207 2497 0676 6685 3732
Distract line three 6959 5149 3328 9337 6484

6248 7348 7348 7348 7248

Line three 6959 5149 3328 9337 6484
Distract line four 4583 3773 1952

2376 1376 1376

::: BCN

Original message

nr 63 gr 19

1869 5427 6637 1562 4323 0406 5664 5274 0189 3968
3230 8498 8008 3913 6782 1579 6730 6340 1255

Reorder message

1869 5427 6637 1562 4323
0406 5664 5274 0189 3968
3230 8498 8008 3913 6782
1579 6730 6340 1255

Line one 1869 5427 6637 1562 4323
Distract line two 0406 5664 5274 0189 3968

1463 9763 1363 1373 355

Line two 0406 5664 5274 0189 3968
Distract line three 3230 8498 8008 3913 6782

7166 7166 7266 6276 7186

Line three 3230 8498 8008 3913 6782
Distract line four 1579 6730 6340 1255

1651 1742 1762 2658

Original message

nr 60 gr 17

8467 3785 4621 3308 6285 9786 4064 5949 4627 5504
6541 1829 2704 1482 2369 7951 2239

Reorder message

8467 3785 4621 3308 6285
9786 4064 5949 4627 5504
6541 1829 2704 1482 2369
7951 2239

Line one 8467 3785 4621 3308 6285
Distract line two 9786 4064 5949 4627 5504

8681 9721 7652 8681 781

Line two 9786 4064 5949 4627 5504
Distract line three 6541 1829 2704 1482 2369

3245 2235 3245 3145 3135

Line three 6541 1829 2704 1482 2369
Distract line four 7951 2239

8590 9590

-0-0-0-0-0-0-0-0-0-0-

::: E17 ?

Al found an unid morse station on 16018 kHz on 14 March at 1505 UTC.
The transmission was in progress. The callup was '547'. The 5FG
message ended at 1521 UTC with '829 829 143 143 TTTTT'. This looks
like E17 to me, Al.

::: E18 / G22

E18 was on 6545 kHz on Wednesday and Thursday 8 and 9 March at 2100.
Message number 149 with 76 groups. It usually comes on with a test
call 10 minutes before start time. On Thursday it was on at 2140 with
a test, the same voice but in German, eins vier acht 148, so it seems
that G22 must still be about. <interesting observation; thanks OM!>

::: ISRAELI INTELLIGENCE [E10]

Takashi in Japan reported a HNC transmission on 6575 kHz. Various
monitors logged E10's rare ZWL transmissions several times lately.
It seems that it has a regular scedule at the moment. A connection
with the pope's visit to Israel perhaps? ZWL has appeared very
infrequently since at least 1993.

Logs:

16-03-2000, 2007 UTC, 7000 kHz
16-03-2000, 0010 UTC, 5000 kHz
17-03-2000, 0020 UTC, 7000 kHz
18-03-2000, 0001 UTC, 7000//8000 kHz

Another unusual transmission was reported on 16 February at 2030 UTC
on 6270 kHz. It was a similar transmission as on 15 January at 0000
UTC also on 6270 kHz. The E10 transmission mixed with another signal
which sounded like a tape being played fast forward. The strange sound
disappeared when E10 switched off. Could this be an interference from
E10's own site or some kind of jamming device? To be honest, I don't
think that it is a jammer, as a jammer usually stays on the air for a
minute or so after the target station is switched off. Clues anyone?

::: THREE NOTE ODDITY [G04]

Time for Hans-Friedrich. Take the floor HF!

05.03.00 2105Z 4.520 kHz same frequencies as in 03/99!
2135Z 4.420 kHz

Message : 23603 30143 10767 63241 62623 03610 17828 57188 11685 60612
70406 11138 40745 30406 14025 30382 15674 06075 01640 43050
26822 70486 28508 12026 00744 77186
= 26 groups

Sorted : 00744 01640 03610 06075 10767 11138 11685 12026 14025 15674
17828 23603 26822 28508 30143 30382 30406 40745 43050 57188
60612 62623 63241 70406 70486 77186

Remarks : Next time with summer schedule 2005/2035Z!

History : Summer 2005 2035
Winter 2105 2135

04/99 5310 5210
05/99 5570 5470
06/99 5720 5620
07/99 5680 5580
08/99 5730 5630
09/99 5320 5220
10/99 5320 5220
11/99 3910 3810
12/99 3360 3260
01/00 3440 3340
02/00 3920 3820
03/00 4520 4420

::: ODDITIES

Lots of interesting notes reached me this month. Here is another one.
Recently some of the groups that rent airtime from larger broadcasters
started to use coded messages. Maybe we should pay more attention to
these guys, huh?

On 19-2 WWCR aired a program around 0100 UTC (possibly 'American
Sovereign') that ran a message "John has a long moustache." Also in
February, an unid program on WGTG 6890 ran a short segment of 5FG
number groups around 0210 UTC.

-o-o-o-o-o-o-o-o-o-o-

★ MORSE STATIONS ★

::: A2A [M63]

'Sample traffic. Can someone id this station.....' I asked this question last month about the cw station on 3393 kHz, logged by Alf.

If I would have looked better, I should have seen that this is A2A !
The frequency is A2A, and the callsigns that Alf mentioned are all A2A's out stations (P9I, J3R, P8W and C7N). Thanks for waking me up, John :-)

A2A was recently heard on:

4318 kHz at 0600

5031.8 kHz at 1800 //5776

5116 kHz at 0710

5776 kHz at 1800 //5031.8 (5776 seems to be a new freq.)

::: M76

M76 is now on 3280 and changes callsigns for each transmission. Times remain the same.

M76 was very busy on Saturday 18 March 1750. Longest transmission heard so far, 1 hour and 7 minutes. Messages a lot longer than usual.
R1S8 DE JWQE QTC 97 20 = 069/25 068/44 067/43 066/33 065/42 064/33
063/32 062/30 061/9 059/9 038/17 032/12

Sunday 19 March even longer, 1 hour and 26 minutes

uQ43 DE I7VJ QTC 99 33 = 073/29 072/30 071/30 070/28 069/25 068/44
067/43 066/33 065/42 064/33 063/32 062/30 061/9 059/9 038/17 032/12

::: BWP16

Igor sent us a log of an unid morse station, most probably Chinese military.

9367 kHz, c/s BWP16, time: 0235-1250 UTC, date: 12-03-2000

A bizar message, isn't it? Clues anyone???

51hd de bpw16 qru as

cl k =

msg rmks (21a27 10080) = = f2ooc f2ooc f2ooc f2o9o f2oor
f2100 f2103 f2100 f200c f200a f200s fxooc fxooc fxooc fxo98
fxoor fx107 fx11o fx107 fxooc fxooa fxoos h2ooc h2ooc h2ooc
h235o h235o h2375 h227o h234o h2ooc h2ooa h2ooo m2ooc
m2ooc m2ooc m2265 m200r m200r m2310 m2280 m200c
m200a m200s f100c f100c f100c f100a f100b f100a f100a f100a
f100c f100a f100o h100c h100c h100c h100a h100b h100a h100a
h100a h100c h100a h100o feooc feooc feooc feooa feoob feoob

feooa feooa feooc feoob feooa heooc heooc heooc heooc heoob
heoob heooa heooa heooc heoob heooa fbooc fbooc fbooc fbo57
fbo76 fbo82 fbo74 fbo8o fbooc fbo58 fbo44 fsooc fsooc fssoc
fso57 fso76 fso85 fso83 fso80 fsooc fso58 fso44 hsooc hsooc
hsooc hs11o hsoob hs1oo hsioo hs1oo hsooc hsoob hs11o esooo
esooo esool esooo esool esool esool esooo esool esool fmooc
fmooc fmooc fmo32 fmo32 fmo4o fmo37 fmo3o fmo37 fmo33
fmooc fmo58 fmo23 ar k
nil gb sk

::: TIME STATION [M18]

Thanks to a tip from Igor and Erwann, I have found M18 again. It has been quite a while that I heard this station.

I copied M18 on 4073 kHz at 2204 UTC. The transmitted time was UTC+4: 0204 0205 0206.... etc. Each group is repeated 8x.

Igor reported an interesting blooper. M18 on 3803 kHz at 1737 UTC. Time given: UTC+???: 3237 3238 3239 etc, in other words 32 hours local time!

::: RUSSIAN AIR DEFENSE [M21]

M21 has changed its frequencies and can be heard on 6864.5 and 3314.5 kHz, the latter is best heard during the European nights.
<info Artho and Iron Eagle>

::: M03

There was a strange M3 transmission on Wednesday 8 March at 0900 on 7255. The call was 211/31 and the first and last 2 groups of the message were 77777 77777. 211 is on the air since at least 13 October 1998 and it has never had a message sent. It is only on each Tuesday morning at 0815. The end of the same message was also heard on 10720 at 0800 on Tuesday so it must have been sent to 211 at 0745, yet at 0815 the usual 211/00 call was made.

::: NORTH KOREAN ARMY [M82]

Thanks for the station profile, Igor!

Callsigns : master station - BML
 other stations - JVG, ECZ, TTI, MGB, GPW,
 KMC, MVL, WBG, MWC, etc.

Mode : automatic CW or MCW, speed about 15-18 wpm

Frequencies: 4700 kHz (jvg de bml) - 1100, 1630
4430 kHz (ecz de tti) - 1830
4885 kHz (mgb de mvl) - 1030, 1730, 2130
5599 kHz (kmc de gpw) - 1600, 1730
5155, 10311 kHz (wbg de mwc) - 1500, 1700, 1930

Format:

```
vvv jvg de bml (5 min)
qsa 5 qsa ? qtc 961 (simulation of duplex)
qtc nr 961 37 29 t124 2ttt 143 2t9 = 77813 13444 222t1... k
abv abv
qtc nr 961 37 29 t124 2ttt 143 2t9 = 77813 13444 222t1... k
cmg cmg qtc 751
qtc nr 751 2 29 t124 193t 463 t21 = 2132t 71237 k
abv abv
qtc nr 751 2 78 t124 193t 463 t21 = 2132t 71237 k
```

Explanation:

```
qtc nr 961 37 29 t124 2ttt 143 2t9 = 77813 13444 222t1... k
961 - recipient
37 - number of groups
29 - ?
t124 - date (24 January in this example)
2ttt - time when the message was prepared
143 - ?
2t9 - ?
```

::: M81

The format as published in N&O #23 was not correct. This station transmits 4FGs, not 5FGs! Here is the format again:

```
B42 B42 B42 de G21 G21 G21 (R5)
NR 1/25 GR 26 = =
26 4FGs = = ? ? = =
NR 1/25 GR 26 (repeat message) AR AR
```

The station was heard again on 3 March by our Russian friend Igor. He writes that the station is seldom heard in his region (Central Asia) and it would be interesting to know if someone else have heard this station too. The signal improved when the Yagi was turned to 240 degrees, which may indicate a possible location in India. Igor copied the station on 3-3 at 1633 UTC on 7323 kHz. If anyone knows who this is, please let me know.

```
c16 c16 c16 de k28 k28 k28 (rptd in 5 minutes)
qtc nr 1/16 gr 13 = =
1766 2941 3265 3618 4145 2336 6163 4128 0232 6737
```

2434 4749 4602 = = ? ? = =
nr 1/16 gr 13 = =
1766 2941 3265 3618 4145 2336 6163 4128 0232 6737
2434 4749 4602 = = ar ar
(each group rptd 2 times; 0 - 5 dashes)

::: UNIDS

Artho, Jim and Geoff reported unid CW stations, most probably from Eastern Europe. Info is most welcome!

3207 c/s HD2X, 29 Feb, 2102 UTC.
HD2X 112 119 29 2339 112=701=PPPPP JaMCZ huNLQ...

4987 5 March, 0249 UTC. The station transmitted 5FGs, no groups, including Cyrillic characters. The transmission ended with
e e e sk sk k (2x)

6328 c/s RBL88, 3 March, 2056 UTC
740 03 2338=77340 fm 84410 for 07112 539= 03023 64828...[ends]
rpt al zdc? zln k (3 March)

5443 1 March, 0018 UTC. Accented ltrs included.
QTC K OUSG 900 33 1 0255 900= 732 = AAAAA DPBTY ... 5 ltr gps

12144 1 March, 1044 UTC. Accented ltrs included. Same routine as 5443.
KAKWK = 550 = LDBO
QTC 485 33 1 1340 48 = 924 = AAAAA OJVUH... 5 ltr gps

::: CHANNELMARKER

Russian Navy Arkhangelsk, channelmarker 'S'; still alive on 16331.9 and 20047.9 kHz.

::: SNJ location

I received a note re the location of SNJ (profile in N&O #23). It is a station run by the Slovakian army, 2nd readiness net in Trencin.

SNJ was heard on 3337, 4026 and 5319 during the past weeks.

-0-0-0-0-0-0-0-0-0-0-

* FAPSI INTERCEPTS [M42] *

John surprised me with an extended list of his intercepts. Thanks OM, and of course also my qudo's to Murray, Day, and Bob. John noticed that the broadcasts to SPK, RAU, WNY and JMS have either moved to new freqs or ceased altogether. The broadcast to KRN at 1735 is still on

17416; every time that John has listened, it has been QRU so he was unable to confirm the repeat frequency (should be 14434).

Freq.	UTC	link	from	to
10442	1540	00098	FGS	VTX
10541	1730	00190	WBC	POU
10767	1500	00030		BFR
11460	1620	60047	DCW	URO
12176	1315	00052	YOA	NXQ (NXQ is correct. Typo last month)
12188	1730	00190	POU	WBC
12197	1620	60047	URO	DCW
13522	1540	00098	VTX	FGS
13850	1315	00052	NXQ	YOA
14426	0930	40034	UXW	RLX
16008	0943	?		
16152	1540	60069		EWZ42
16223	0930	40034	RLX	UXW
16223	1000	40034	RLX	UXW
16236	0720	50035		RLJ
16257	0835	90051	URS	RJA
16302	0930	00079		UGO
16347	1640			(Crowd36)
17473	0915	10163	RVC51	UDZ27
17519	1410	30088		RCX81
18050	0607			(Crowd36)
18050	1700	00099		RSZ (50bd)
18172	0835	90051	RJA	URS
18332	0745	10042	AVK	RPR
18373	1500	00054		UDZ21
18413	0915	10163	UDZ27	RVC51
18523	0530	30044		RKM
18725	0805	80038	RPO	WDS
19354	0700	80030	WDS	RPO
19354	0805	80038	WDS	RPO
19415	1005	50002		CAZ
20268	1634	60069		EWZ42
20277	0620	00098		VTX
20340	0745	10042	RPR	AVK
23130	0705	60069		EWZ42 (EWZ42 is correct. Typo last month)

-0-0-0-0-0-0-0-0-0-0-

* LOGS SECTION MARCH 2K *

2743.0 E10 ULX 89 PHMIN USB 06/03/2000 Mon 0030 (GG)
 2743.0 E10 ULX 2 msgs: 92 CCVOT/28 OXMNP USB 10/03/2000 Fri 0200 (GG)

2835.3 PACF de T8Y7 k. CW 04/03/2000 SAT 1736 (EM)
 3025.0 M08 CW 04/03/2000 Sat 1000 (GW)
 3025.0 M08a CW 18/03/2000 Sat 1000 (GW)
 3090.0 E10a SYN144 USB 06/03/2000 Mon 0045 (GG)
 3090.0 E10a CI02 USB 06/03/2000 Mon 0045 (GG)
 3090.0 E10a SYN2 USB 06/03/2000 Mon 2247 (GG)
 3090.0 E10a CI02 USB 06/03/2000 Mon 2247 (GG)
 3090.0 E10a SYN2 USB 08/03/2000 Wed 0145 (GG)
 3090.0 E10a CI02 USB 08/03/2000 Wed 0145 (GG)
 3090.0 E10a CI02 USB 10/03/2000 Fri 0145 (GG)
 3090.0 E10a CI02 USB 10/03/2000 Fri 2345 (GG)
 3150.0 E10 PCD 57 P?HAU USB 06/03/2000 Mon 2300 (GG)
 3150.0 E10a PCD2 USB 06/03/2000 Mon 2330 (GG)
 3195.0 MX CW beacon "R" Russian?? CW 14/03/2000 TUE 0128 (VW)
 3244.0 M08a ID 15929 21471 76374 CW 25/03/2000 Sat 1000 (MS)
 3270.0 E10a VLB2 USB 06/03/2000 Mon 0045 (GG)
 3270.0 E10a VLB2 USB 06/03/2000 Mon 2247 (GG)
 3270.0 E10a VLB2 USB 08/03/2000 Wed 0145 (GG)
 3270.0 E10a VLB2 USB 10/03/2000 Fri 2345 (GG)
 3292.0 V02a In prog, barely audible; not up on the hour AM
 07/03/2000 Tue 0204 (GH)
 3292.0 V02a i/p after late start AM 14/03/2000 Tue 0200 (JM4)
 3292.0 V02a A 54192 66123 05402 AM 21/03/2000 Tue 0200 (JM4)
 3292.0 V02a Barely readable, carrier lost at points AM 21/03/2000
 Tue 0200 (GH)
 3292.0 V02a? Weak carrier by :04, maybe in there somewhere AM
 14/03/2000 Tue 0200 (GH)
 3322 MX Russian navy Ustinov. Channelmarker R CW 26/03/2000 Sun
 2049 (AB)
 3337.0 SNJ3 w/ 5FG in progress. Slovakian army CW 05/03/2000
 SUN 1903 (EM)
 3380.0 I8Z5 de 5UF QTC k. Weak. CW 05/03/2000 SUN 1743 (EM)
 3390.8 EEB5 de FR3P k. CW 05/03/2000 SUN 1726 (EM)
 3415.0 E10 i/p USB 06/03/2000 Mon 2247 (GG)
 3415.0 E10 ART 75 UNYMG USB 06/03/2000 Mon 2330 (GG)
 3415.0 E10 ART 61 KTA?? USB 08/03/2000 Wed 0130 (GG)
 3415.0 E10 ART 2 msgs: 28 UZWII/38 MFEZD USB 10/03/2000 Fri 0130
 (GG)
 3416.0 E10 alpha romeo tango 5 ltr grps. Mossad AM 14/03/2000 TUE
 0134 (VW)
 3485.0 E10a KPA2 USB 06/03/2000 Mon 0115 (GG)
 3485.0 E10a KPA2 USB 08/03/2000 Wed 0115 (GG)
 3485.0 E10a MIW2 USB 10/03/2000 Fri 0117 (GG)
 3485.0 E10a MIW2 USB 10/03/2000 Fri 0215 (GG)
 3640.0 E10 SYN2 USB 13/03/2000 Mon 0245 (JM4)
 3640.0 E10 SYN2 USB 13/03/2000 Mon 0345 (JM4)
 3640.0 E10a SYN2 USB 10/03/2000 Fri 0145 (GG)
 3640.0 E10a SYN2 USB 10/03/2000 Fri 2345 (GG)

3756 S30 Pip CW 26/03/2000 Sun 2056 (AB)
3820.0 G04 85938 74727 48201 . AM 03/02/2000 THU 2135 (HFD)
3840.0 E10 YHF net, SINPO=22443 USB 30/03/2000 Thu 2100 (MF)
3920.0 G04 85838 74427 48201. AM 03/02/2000 THU 2105 (HFD)
3920.0 G04 //3820. The old Feb freq. Msg as before. AM 09/03/2000 THU 2105 (AK)
3920.0 G04 //3820. AM 12/03/2000 SUN 2105 (AK)
3920.0 G04 //3820. AM 16/03/2000 THU 2105 (AK)
3926.0 M08a CW 05/03/2000 Sun 1000 (GW)
3926.0 M08a ID 48071 15929 76379 CW 24/03/2000 Fri 1000 (MS)
3926.5 M08a In prog CW 14/03/2000 Tue 0408 (GH)
3926.5 M08a RAGID MRDNN RDRAN (61873 96322 63612) CW 21/03/2000 Tue 0400 (GH)
3926.5 M08a? Nothing heard by :32 CW 14/03/2000 Tue 0300 (GH)
3927.0 V02a covered by ham QRM AM 05/03/2000 Sun 0100 (JM4)
3927.0 V02a In prog; extremely weak/noisy AM 19/03/2000 Sun 0109
4016.0 M08 CW 04/03/2000 Sat 0300 (GW)
4016.5 M08 CW 02/03/2000 Thu 0200 (GW)
4016.5 M08a In prog; _____ T(N|M)_____, ends after 9062.5 CW 09/03/2000 Thu 0406 (GH)
4016.5 M08a DNGUN A__A AGUUD (32842 1___1 18443) CW 11/03/2000 Sat 0300 (GH)
4016.5 M08a in progress CW 13/03/2000 Mon 0300 (JM4)
4016.5 M08a GTDDA UDADD NWRIN (80331 43133 25672) CW 16/03/2000 Thu 0200 (GH)
4017.0 M08a CALLS 78193 64663 55473 (RPT OF 0100Z ON 4506M) CW 22/03/2000 Wed 0200 (MS)
4017.0 M08a ID 56713 21473 68013 -- RPT OF 0100Z ON 4506M CW 30/03/2000 Thu 0200 (MS)
4017.0 M08a ID 56713 21473 68013 -- RPT OF 0100Z ON 4506M CW 30/03/2000 Thu 0200 (MS)
4017.0 V02a in progress AM 31/03/2000 Fri 0400 (JM4)
4027.0 M08a CW 05/03/2000 Sun 0300 (GW)
4027.0 M08a ID 21471 76374 -- IP CW 25/03/2000 Sat 1106 (MS)
4027.0 M08a ID 48072 60672 32002 CW 26/03/2000 Sun 0300 (MS)
4027.1 V02a In prog; _____ 57491 23813 AM 15/03/2000 Wed 0510 (GH)
4027.5 M08a MNRGN UMTUD URUDA (92682 49043 46431); weak CW 07/03/2000 Tue 0300 (GH)
4027.5 M08a _____ UDDDA (_____ 43331); not up @:16 CW 14/03/2000 Tue 0321 (GH)
4027.5 M08a RAGID MRDNN RDRAN (61873 96322 63612) CW 21/03/2000 Tue 0300 (GH)
4027.5 M08a ATNDN AIRRA RNRDA (10232 17661 62631); tape glitches ~:24 etc CW 21/03/2000 Tue 0600 (GH)
4028.0 V02a Atencion 59689 40382 79252 AM 03/03/2000 Fri 0500 (GH)
4028.0 V02a? Weak carrier before the hour, nothing aud but QRM AM 11/03/2000 Sat 0200 (GH)
4034.5 M08a msg 2 @:15, msg 3 U(R?)UDD @:25, not up at :06, cf

0300/4478 CW 11/03/2000 Sat 0411 (GH)

4035.0 V02a AM 04/03/2000 Sat 1000 (GW)

4035.0 V02a In prog, barely audible AM 06/03/2000 Mon 0434 (GH)

4035.0 V02a Very faint AM 09/03/2000 Thu 0500 (GH)

4035.0 V02a A 23281 15011 53381 AM 13/03/2000 Mon 0400 (JM4)

4035.0 V02a For a while had a cut # station in background. AM 18/03/2000 Sat 1000 (GW)

4035.0 V02a ID 77012 -- IP -- YL/SS AM 25/03/2000 Sat

4073.0 M18 Time station. Time blocks in UTC+4: 0206 0207 0208 etc CW 25/03/2000 Sat 2206 (AB)

4165.0 E10 //5530 CI02 USB 13/03/2000 Mon 0245 (JM4)

4165.0 E10 //5530 CI02 USB 13/03/2000 Mon 0345 (JM4)

4165.0 E10 //5530 CI02 USB 14/03/2000 Tue 0345 (JM4)

4165.0 E10a CI02 USB 06/03/2000 Mon 0045 (GG)

4165.0 E10a SYN144 USB 06/03/2000 Mon 0045 (GG)

4165.0 E10a SYN2 USB 06/03/2000 Mon 2247 (GG)

4165.0 E10a CI02 USB 06/03/2000 Mon 2247 (GG)

4165.0 E10a CI02 USB 08/03/2000 Wed 0145 (GG)

4165.0 E10a SYN2 USB 08/03/2000 Wed 0145 (GG)

4165.0 E10a CI02 USB 10/03/2000 Fri 0145 (GG)

4165.0 E10a CI02 USB 10/03/2000 Fri 2345 (GG)

4173.0 M08a ID 48071 15929 76379 -- RPT OF 1000Z ON 3926M CW 24/03/2000 Fri 1100 (MS)

4173.5 M08a ANRGU MUJIN NRMIU (12684 94472 26974), weak CW 09/03/2000 Thu 0500 (GH)

4174.0 V02a A 23281 15011 53351 AM 13/03/2000 Mon 0300 (JM4)

4175.0 BCN, Chinese Intel. MCW. Also on dates 11, 19, of Feb./2000. CW 27/02/2000 SUN 1400 (IB)

4270.0 E10 PCD 57 P?HAU USB 06/03/2000 Mon 2300 (GG)

4325 MX Russian navy Ustinov. Channelmarker R CW 26/03/2000 Sun 2049 (AB)

4329.0 V02a AM 05/03/2000 Sun 1000 (GW)

4329.0 V02a In prog @:03, noisy AM 15/03/2000 Wed 0400 (GH)

4360.0 E10 //6658 KPA2 USB 13/03/2000 Mon 0115 (JM4)

4360.0 E10 //6658 KPA2 USB 13/03/2000 Mon 0215 (JM4)

4360.0 E10 //6658 KPA2 USB 13/03/2000 Mon 0315 (JM4)

4420 G04 23603 70148... (26 gr) 05/03/2000 Sun 2135 (HFD)

4420.0 G04 Some aberration of audio quality due to tone feedback. S9 tone hrd at end. AM 04/03/2000 SAT 2135 (OB)

4461.0 E10 FTJ 34 FAULY USB 06/03/2000 Mon 0100 (GG)

4461.0 E10 FTJ 120 MIFQB USB 06/03/2000 Mon 2300 (GG)

4461.0 E10 FTJ 40 UOYAJ USB 06/03/2000 Mon 2330 (GG)

4461.0 E10 FTJ 34 FAULY USB 08/03/2000 Wed 0100 (GG)

4461.0 E10 FTJ 23 QPVJE USB 08/03/2000 Wed 0300 (GG)

4461.0 E10 FTJ 23 QPVJE USB 10/03/2000 Fri 0300 (GG)

4461.0 E10 FTJ(2?) weak USB 14/03/2000 Tue 0300 (JM4)

4461.0 E10 FTJ USB 15/03/2000 Wed 0300 (JM4)

4461.0 E10 FTJ USB 31/03/2000 Fri 0300 (JM4)

4461.0 E10 FTJ USB 31/03/2000 Fri 0400 (JM4)
 4461.0 V02a ID 90071 78232 33892 -- YL/SS AM 26/03/2000 Sun 1100
 4465.0 E06 197x3 00000 AM 08/03/2000 Wed 2100 (JE)
 4478.0 M08 CW 04/03/2000 Sat 0300 (GW)
 4478.0 M08a ___GN DNUDD UWUDD (___82 32433 45433); weak CW
 11/03/2000 Sat 0300 (GH)
 4478.0 M08a ID 89151 89603 30023 CW 24/03/2000 Fri 1100 (MS)
 4478.0 M08a ID 48071 68011 94851 CW 25/03/2000 Sat 0300 (MS)
 4479.0 V02a Barely audible AM 15/03/2000 Wed 0300 (GH)
 4479.0 V02a A 54862 59689 86511 AM 15/03/2000 Wed 0300 (JM4)
 4479.0 V02a A 15283 45522 98682 w/M8a on audio AM 31/03/2000 Fri
 0400 (JM4)
 4479.0 V02a? Nothing heard (ditto 8958) AM 08/03/2000 Wed 0304 (GH)
 4506.0 M08a CALLS 78193 64663 55473 CW 22/03/2000 Wed 0100 (MS)
 4506.0 M08a ID 84822 85213 46002 - VY WEAK CW 22/03/2000 Wed 2300
 (MS)
 4506.0 M08a ID 05913 73813 01642 CW 26/03/2000 Sun 0300 (MS)
 4506.0 M08a ID 56713 21473 68013 CW 30/03/2000 Thu 0100 (MS)
 4506.0 M08a ID 56713 21473 68013 CW 30/03/2000 Thu 0100 (MS)
 4506.5 M08a IDTWN TNADA WDWND (73052 02131 53523) CW 08/03/2000 Wed
 0300 (GH)
 4506.5 M08a ATWID UDDAN WDWNR (10573 43312 53526) CW 15/03/2000 Wed
 0300 (GH)
 4507.0 V02a ID -- IP -- YL/SS AM 25/03/2000 Sat
 4520 G04 23603 30148... (26 gr) AM 05/03/2000 Sun 2105 (HFD)
 4520.0 G04 //4420. 23603 30148. AM 02/03/2000 THU 2105 (AK)
 4520.0 G04 Good af. S9. AM 04/03/2000 SAT 2105 (PB)
 4520.0 G04 //4420. 23603 30148. AM 05/03/2000 MON 2105 (AK)
 4560.0 E10 in progress USB 13/03/2000 Mon 0345 (JM4)
 4560.0 E10 ?? in progress USB 14/03/2000 Tue 0345 (JM4)
 4560.0 E10 Mossad YL/EE: v.weak USB 30/03/2000 Thu 1930 (LAZ)
 4560.0 E10 ??? already in progress USB 31/03/2000 Fri 0345 (JM4)
 4625 S28 Buzzer USB 26/03/2000 Sun 2058 (AB)
 4625.0 S28 The Buzzer - no message USB 13/03/2000 Mon 0245 (JM4)
 4625.0 S28 The Buzzer - no message USB 14/03/2000 Tue 0215 (JM4)
 4625.0 S28 The Buzzer - no traffic USB 15/03/2000 Wed 0245 (JM4)
 4625.0 S28 The Buzzer - no traffic USB 16/03/2000 Thu 0300 (JM4)
 4625.0 S28 The Buzzer - no traffic USB 21/03/2000 Tue 0200 (JM4)
 4625.0 S28 The Buzzer - no traffic USB 31/03/2000 Fri 0200 (JM4)
 4635.0 E05 //5812 rptg 747 Count 141 AM 05/03/2000 Sun 0200 (JM4)
 4635.0 E05 rptg 529 count 194 507/06... //5812 AM 07/03/2000 Tue
 0200 (GH)
 4635.0 E05 rptg 798 count 190 638/93... //5812 AM 08/03/2000 Wed
 0200 (GH)
 4635.0 E05 //5821 rptg 197 Count 133 AM 09/03/2000 Thu 0200 (JM4)
 4635.0 E05 rptg 594 count 132 384/63... //5812 AM 11/03/2000 Sat
 0200 (GH)
 4635.0 E05 //5812 rptg 514 Count 199 AM 13/03/2000 Mon 0200 (JM4)

4635.0 E05 rptg 162 count 168 163/79... //5812 AM 14/03/2000 Tue 0200 (GH)
 4635.0 E05 //5812 rptg 162 Count 168 AM 14/03/2000 Tue 0200 (JM4)
 4635.0 E05 rptg 546 count 163 //5812 AM 15/03/2000 Wed 0200 (GH)
 4635.0 E05 //5812 rptg 546 Count 163 AM 15/03/2000 Wed 0200 (JM4)
 4635.0 E05 //5812 rptg 182 Count 73 AM 16/03/2000 Thu 0200 (JM4)
 4635.0 E05 rptg 182 count 73 227/13... //5812 AM 16/03/2000 Thu 0200 (GH)
 4635.0 E05 //5812 rptg 466 Count 73 AM 21/03/2000 Tue 0200 (JM4)
 4635.0 E05 rptg 466 count 73 //5812 AM 21/03/2000 Tue 0200 (GH)
 4635.0 E05 IP -- YL/EE -- //9222 USB 24/03/2000 Fri 0215 (MS)
 4635.0 E05 ID 470 -- //5812 -- YL/EE USB 25/03/2000 Sat 0200 (MS)
 4635.0 E05 ID 190 COUNT 203 -- YL/EE -- //5812M USB 26/03/2000 Sun 0200 (MS)
 4635.0 E05 ID 190 COUNT 203 -- YL/EE -- //5812M USB 27/03/2000 Mon 0200 (MS)
 4635.0 E05 ID 557 COUNT 184 -- YL/EE -- //5812M USB 28/03/2000 Tue 0200 (MS)
 4635.0 E05 ID 053 COUNT 207 -- YL/EE -- //5812M USB 29/03/2000 Wed 0200 (MS)
 4635.0 E05 ID 094 COUNT 204 -- YL/EE -- //5812M USB 30/03/2000 Thu 0200 (MS)
 4635.0 E05 ID 094 COUNT 204 -- YL/EE -- //5812M USB 30/03/2000 Thu 0200 (MS)
 4635.0 E05 //9222 rptg 094 Count 204 AM 31/03/2000 Fri 0200 (JM4)
 4635.0 E05 ID 094 COUNT 204 -- YL/EE -- //9222M USB 31/03/2000 Fri 0200 (MS)
 4645.0 E05 Simulcast on 5407 AM 02/03/2000 Thu 0200 (GW)
 4645.0 E05 Simulcast on 5407 AM 02/03/2000 Thu 0200 (GW)
 4645.0 E05 simulcast on 5407. AM 03/03/2000 Fri 0200 (GW)
 4645.0 E05 Simulcast on 5407. AM 04/03/2000 Sat 0200 (GW)
 4645.0 E05 //5407 rptg 616 Count 75 AM 05/03/2000 Sun 0200 (JM4)
 4645.0 E05 rptg 695 count 166 240/14...; rpt @:25 //5407 AM 07/03/2000 Tue 0200 (GH)
 4645.0 E05 rptg 190 count 99 549/50..., rpt @:19 //5407 AM 08/03/2000 Wed 0200 (GH)
 4645.0 E05 //5407 rptg 190 Count 99 AM 09/03/2000 Thu 0200 (JM4)
 4645.0 E05 simulcast on 5407. AM 09/03/2000 Thu 0200 (GW)
 4645.0 E05 Simulcast on 5407 AM 10/03/2000 Fri 0200 (GW)
 4645.0 E05 rptg 190 count 99 549/50..., rpt @:19 //5407 AM 11/03/2000 Sat 0200 (GH)
 4645.0 E05 //5407 rptg 190 Count 99 AM 13/03/2000 Mon 0200 (JM4)
 4645.0 E05 //5407 rptg 190 Count 99 AM 14/03/2000 Tue 0200 (JM4)
 4645.0 E05 rptg 190 count 99 //5407 AM 14/03/2000 Tue 0200 (GH)
 4645.0 E05 //5407 rptg 190 Count 99 AM 15/03/2000 Wed 0200 (JM4)
 4645.0 E05 Simulcast on 5407. AM 15/03/2000 Wed 0200 (GW)
 4645.0 E05 rptg 190 count 99 //5407 AM 15/03/2000 Wed 0200 (GH)
 4645.0 E05 //5407 rptg 190 Count 99 AM 16/03/2000 Thu 0200 (JM4)

4645.0 E05 rptg 190 count 99 //5407 AM 16/03/2000 Thu 0200 (GH)
 4645.0 E05 Simulcast on 5407. AM 17/03/2000 Fri 0200 (GW)
 4645.0 E05 //5407 rptg 008 Count 130 AM 21/03/2000 Tue 0200 (JM4)
 4645.0 E05 rptg 008 count 130 796/29...; EOT tone @:35 //5407 AM
 21/03/2000 Tue 0200 (GH)
 4645.0 E05 IP -- YL/EE -- //5407 USB 24/03/2000 Fri 0223 (MS)
 4645.0 E05 ID 049 -- //5407 -- YL/EE USB 25/03/2000 Sat 0200 (MS)
 4645.0 E05 ID 255 COUNT 83 -- YL/EE -- //5407M USB 26/03/2000 Sun
 0200 (MS)
 4645.0 E05 ID 255 COUNT 83 -- YL/EE -- //5407M USB 27/03/2000 Mon
 0200 (MS)
 4645.0 E05 ID 255 COUNT 83 -- YL/EE -- //5407M USB 28/03/2000 Tue
 0200 (MS)
 4645.0 E05 ID 255 COUNT 83 -- YL/EE -- //5407M USB 29/03/2000 Wed
 0200 (MS)
 4645.0 E05 ID 255 COUNT 83 -- YL/EE -- //5407M USB 30/03/2000 Thu
 0200 (MS)
 4645.0 E05 ID 255 COUNT 83 -- YL/EE -- //5407M USB 30/03/2000 Thu
 0200 (MS)
 4645.0 E05 //5407 rptg 255 Count 83 AM 31/03/2000 Fri 0200 (JM4)
 4645.0 E05 ID 255 COUNT 83 -- YL/EE -- //5407M USB 31/03/2000 Fri
 0200 (MS)
 4665.0 E10 //5630 VLB2 USB 14/03/2000 Tue 0345 (JM4)
 4665.0 E10 //5630 VLB2 USB 31/03/2000 Fri 0245 (JM4)
 4665.0 E10 //5630 VLB2 USB 31/03/2000 Fri 0345 (JM4)
 4665.0 E10a VLB2 USB 06/03/2000 Mon 0045 (GG)
 4665.0 E10a VLB2 USB 06/03/2000 Mon 2247 (GG)
 4665.0 E10a VLB2 USB 08/03/2000 Wed 0145 (GG)
 4665.0 E10a VLB2 USB 10/03/2000 Fri 0145 (GG)
 4665.0 E10a VLB2 USB 10/03/2000 Fri 2345 (GG)
 4665.0 M13 419 = 198 22 = CW 02/03/2000 Thu 2200 (JE)
 4750 G04 87178 61228... (23 gr) AM 30/03/2000 Thu 2005 (HFD)
 4750.0 G04 //4850. AM 19/03/2000 SUN 2105 (AK)
 4750.0 G04 //4850. Msg slightly different from what hfd reporedted
 on March 13. AM 23/03/2000 THU 2105 (AK)
 4750.0 G04 //4850. 23603 30148 10767 MSG. AM 26/03/2000 SUN 2005
 (AK)
 4750.0 G04 //4850 with 87178 61228 54617 msg. AM 30/03/2000 THU
 2005 (AK)
 4760.0 V22 Chinese Intel. YL/CC. Also on dates 2, 11, 18, of
 Feb./2000. AM 26/02/2000 SAT 1730 (IB)
 4780.0 E10 SYN2 USB 21/03/2000 Tue 0245 (JM4)
 4780.0 E10 //6370 SYN2 USB 31/03/2000 Fri 0345 (JM4)
 4780.0 E10a SYN2 USB 10/03/2000 Fri 0145 (GG)
 4780.0 E10a SYN2 USB 10/03/2000 Fri 2345 (GG)
 4850 G04 87178 61228... (23 gr) AM 30/03/2000 Thu 2035 (HFD)
 4870.0 M29 18 18 24 24 # # 2200 2200 44067. CW 27/02/2000 SUN 2130
 (HFD)

4880.0 E10 ULX 89 PHMIN USB 06/03/2000 Mon 0030 (GG)
 4880.0 E10 ULX 51 XCBJV USB 06/03/2000 Mon 2300 (GG)
 4880.0 E10 ULX 2 msgs: 92 CCVOT/28 OXMNP USB 10/03/2000 Fri 0200 (GG)
 4880.0 E10 ULX 37 TS?OP USB 10/03/2000 Fri 0330 (GG)
 4880.0 E10 in progress USB 13/03/2000 Mon 0215 (JM4)
 4880.0 E10 ULX (87) T__O_ USB 13/03/2000 Mon 0330 (JM4)
 4880.0 E10 //6270 ULX (43) QQYFX USB 13/03/2000 Mon 0400 (JM4)
 4880.0 E10 ULX? covered QRM USB 14/03/2000 Tue 0200 (JM4)
 4880.0 E10 //6270 ULX USB 14/03/2000 Tue 0400 (JM4)
 4880.0 E10 Missed start USB 23/03/2000 Thu 2100 (PD)
 4880.0 E10 Mossad YL/EE: in progress @ 1944 USB 30/03/2000 Thu 1930 (LAZ)
 4880.0 E10 ULX USB 31/03/2000 Fri 0200 (JM4)
 4880.0 E10 ULX (20) XQIEI USB 31/03/2000 Fri 0330 (JM4)
 4880.0 E10 //6270 ULX USB 31/03/2000 Fri 0400 (JM4)
 4881.0 E10 ULX (76) E_FMS USB 14/03/2000 Tue 0230 (JM4)
 4881.0 E10 ULX USB 15/03/2000 Wed 0230 (JM4)
 4881.0 E10 ULX covered by Mexican Net USB 21/03/2000 Tue 0230
 4881.0 E10 ULX (38) _AR__ USB 31/03/2000 Fri 0230 (JM4)
 5019 M10E 111 34468 16 38606 10 64656 19 64507 17... 34468 93 16
 23370... 38606 63 10 78355... 64656 78 19 18843...
 64507 58 17 19982... 000 CW 11/03/2000 Sat 0900 (HFD)
 5019.0 M10E 111: 46122-94/20 70343 35396-53/19 11681 33533-89/16
 12154 17193-40/18 46863 000. CW 13/02/2000 SUN 0900 (HFD)
 5054.8 XWDQ de DJ6M k. CW 03/03/2000 FRI 1547 (EM)
 5116.0 M08 CW 03/03/2000 Fri 0200 (GW)
 5117.0 V02a in progress AM 14/03/2000 Tue 0400 (JM4)
 5130.0 M29 76 76 25 25 1 1 1900 1900 10343. CW 22/02/2000 TUE 2000 (HFD)
 5135.0 V02a In prog @:04, very weak AM 15/03/2000 Wed 0400 (GH)
 5170.0 E10 MIW2 USB 04/03/2000 Sat 0115 (JM4)
 5170.0 E10 //6745 MIW2 USB 13/03/2000 Mon 0215 (JM4)
 5170.0 E10 //6745 MIW2 USB 13/03/2000 Mon 0315 (JM4)
 5170.0 E10 //6745 MIW2 USB 14/03/2000 Tue 0215 (JM4)
 5170.0 E10 //6745 MIW2 USB 14/03/2000 Tue 0315 (JM4)
 5170.0 E10 //6745 MIW2 USB 21/03/2000 Tue 0215 (JM4)
 5170.0 E10 //6745 MIW2 USB 31/03/2000 Fri 0215 (JM4)
 5170.0 E10 //6745 MIW2 USB 31/03/2000 Fri 0415 (JM4)
 5170.0 E10a MIW2 USB 06/03/2000 Mon 0115 (GG)
 5170.0 E10a MIW2 USB 08/03/2000 Wed 0115 (GG)
 5170.0 E10a KPA2 USB 10/03/2000 Fri 0117 (GG)
 5170.0 E10a KPA2 USB 10/03/2000 Fri 0215 (GG)
 5244.0 G07 418x3 000 AM 06/03/2000 Mon 2130 (JE)
 5267.0 E07 825x3 000 AM 01/03/2000 Wed 2120 (JE)
 5290.0 S06 429x3 00000 AM 07/03/2000 Tue 2100 (JE)
 5330 M29 vvv 78 78 25 25 12 12 2200 2200 63313 CW 12/03/2000 Sun

2100 (HFD)

5339 E10 TMS2 USB 30/03/2000 Thu 1856 (IJ)

5340.0 M29 76 76 25 25 1 1 1900 1900 10343. CW 18/02/2000 FRI 1800
(HFD)

5407.0 E05 Simulcast on 4645 AM 01/03/2000 Wed 0200 (GW)

5407.0 E05 Simulcast on 4645 AM 02/03/2000 Thu 0200 (GW)

5407.0 E05 Simulcast on 4645. AM 03/03/2000 Fri 0200 (GW)

5407.0 E05 Simulcast on 4645. AM 04/03/2000 Sat 0200 (GW)

5407.0 E05 //4645 rptg 616 Count 75 AM 05/03/2000 Sun 0200 (JM4)

5407.0 E05 rptg 529 count 194 507/06... //4635 AM 07/03/2000 Tue
0200 (GH)

5407.0 E05 rptg 695 count 166 240/14...; rpt @:25 //4645 AM
07/03/2000 Tue 0200 (GH)

5407.0 E05 rptg 190 count 99 549/50..., rpt @:19 //4645 AM
08/03/2000 Wed 0200 (GH)

5407.0 E05 //4645 rptg 190 Count 99 AM 09/03/2000 Thu 0200 (JM4)

5407.0 E05 Simulcast on 4645. AM 09/03/2000 Thu 0200 (GW)

5407.0 E05 Simulcast on 4645. AM 10/03/2000 Fri 0200 (GW)

5407.0 E05 i/p USB 10/03/2000 Fri 0223 (GG)

5407.0 E05 rptg 190 count 99 549/50..., rpt @:19 //4645 AM
11/03/2000 Sat 0200 (GH)

5407.0 E05 //4645 rptg 190 Count 99 AM 13/03/2000 Mon 0200 (JM4)

5407.0 E05 rptg 190 count 99 //4645 AM 14/03/2000 Tue 0200 (GH)

5407.0 E05 //4645 rptg 190 Count 99 AM 14/03/2000 Tue 0200 (JM4)

5407.0 E05 rptg 190 count 99 //4645 AM 15/03/2000 Wed 0200 (GH)

5407.0 E05 //4645 rptg 190 Count 99 AM 15/03/2000 Wed 0200 (JM4)

5407.0 E05 Simulcast on 4645. AM 15/03/2000 Wed 0200 (GW)

5407.0 E05 rptg 190 count 99 //4645 AM 16/03/2000 Thu 0200 (GH)

5407.0 E05 //4645 rptg 190 Count 99 AM 16/03/2000 Thu 0200 (JM4)

5407.0 E05 Simulcast on 4645. AM 17/03/2000 Fri 0200 (GW)

5407.0 E05 rptg 008 count 130 796/29...; EOT tone @:35 //4645 AM
21/03/2000 Tue 0200 (GH)

5407.0 E05 //4645 rptg 008 Count 130 AM 21/03/2000 Tue 0200 (JM4)

5407.0 E05 Call 008 Count 130 796/29 ... USB 21/03/2000 Tue 0200

5407.0 E05 IP -- COUNT 178 -- YL/EE -- //4645 USB 24/03/2000 Fri
0226 (MS)

5407.0 E05 ID 049 -- //4645 -- YL/EE USB 25/03/2000 Sat 0200 (MS)

5407.0 E05 ID 255 COUNT 83 -- YL/EE -- //4645M USB 26/03/2000 Sun
0200 (MS)

5407.0 E05 ID 255 COUNT 83 -- YL/EE -- //4645M USB 27/03/2000 Mon
0200 (MS)

5407.0 E05 ID 255 COUNT 83 -- YL/EE -- // 4645M USB 28/03/2000 Tue
0200 (MS)

5407.0 E05 ID 255 COUNT 83 -- YL/EE -- //4645M USB 29/03/2000 Wed
0200 (MS)

5407.0 E05 ID 255 COUNT 83 -- YL/EE -- //4645M USB 30/03/2000 Thu
0200 (MS)

5407.0 E05 ID 255 COUNT 83 -- YL/EE -- //4645M USB 30/03/2000 Thu

0200 (MS)

5407.0 E05 ID 255 COUNT 83 -- YL/EE -- //4645M USB 31/03/2000 Fri
0200 (MS)

5407.0 E05 //4645 rptg 255 Count 83 AM 31/03/2000 Fri 0200 (JM4)

5409.0 190-190-190-1-2-3-4-5-6-7-8-9-0. Count 99 count 99. CW
11/03/2000 FRI 0200 (TM)

5409.0 E17 daily 0200 USB 01/03/2000 Wed 0200 (PAP)

5417.0 V02? Tuned better in LSB. AM 03/03/2000 Fri 0200 (GW)

5417.0 V02a A 66126 43162 39342 AM 31/03/2000 Fri 0200 (JM4)

5419.0 M08 CW 04/03/2000 Sat 0200 (GW)

5419.5 M08a ----- AAMNA AGUUD (----- 11921 18443), not up on the
hour CW 11/03/2000 Sat 0208 (GH)

5419.5 M08a NMMWA UDDAD UDDDN (29951 43313 43332) CW 16/03/2000 Thu
0300 (GH)

5422.0 E03 41389 //8464 6485. AM 17/02/2000 THU 1700 (HFD)

5422.0 E03 Very weak LP tune? USB 12/03/2000 Sun 2200 (GH)

5430 M29 vvv 78 78 25 25 12 12 2200 2200 63313 CW 12/03/2000 Sun
2130 (HFD)

5435.0 E10 i/p USB 06/03/2000 Mon 2247 (GG)

5435.0 E10 ART 75 UNYMG USB 06/03/2000 Mon 2330 (GG)

5435.0 E10 ART 61 KTA?? USB 08/03/2000 Wed 0130 (GG)

5435.0 E10 ART 2 msgs: 28 UZWII/38 MFEZD USB 10/03/2000 Fri 0130
(GG)

5435.0 E10 ART (28) UZWI_ (38) MF___ USB 13/03/2000 Mon 0130 (JM4)

5435.0 E10 //6986 ART (44) DT_SA USB 13/03/2000 Mon 0400 (JM4)

5435.0 E10 //6986 ART (44) DTYSA USB 14/03/2000 Tue 0400 (JM4)

5435.0 E10 //6986 ART (44) DTYSA USB 31/03/2000 Fri 0400 (JM4)

5460 M29 vvv 28 28 14 14 3 3 1900 1900 24848 CW 10/03/2000 Fri
2000 (HFD)

5460 M29 vvv 28 28 19 19 3 3 1900 1900 24848 CW 31/03/2000 Fri
1900 (HFD)

5465.0 M01 197-292/36=23725 58302. CW 13/02/2000 SUN 0700 (HFD)

5474 M01A 463 463 463 111 111 no msg CW 30/03/2000 Thu 1800

5530.0 E10 CI02 USB 04/03/2000 Sat 0045 (JM4)

5530.0 E10 CI02 USB 05/03/2000 Sun 0245 (JM4)

5530.0 E10 CI02 USB 09/03/2000 Thu 0145 (JM4)

5530.0 E10 CI02 USB 13/03/2000 Mon 0145 (JM4)

5530.0 E10 //4165 CI02 USB 13/03/2000 Mon 0245 (JM4)

5530.0 E10 //4165 CI02 USB 13/03/2000 Mon 0345 (JM4)

5530.0 E10 CI02 USB 13/03/2000 Mon 0445 (JM4)

5530.0 E10 KPA2 USB 14/03/2000 Tue 0215 (JM4)

5530.0 E10 CI02 USB 14/03/2000 Tue 0245 (JM4)

5530.0 E10 //4165 CI02 USB 14/03/2000 Tue 0345 (JM4)

5530.0 E10 CI02 USB 15/03/2000 Wed 0245 (JM4)

5530.0 E10a SYN144 USB 06/03/2000 Mon 0045 (GG)

5530.0 E10a CI02 USB 06/03/2000 Mon 0045 (GG)

5530.0 E10a CI02 USB 06/03/2000 Mon 2247 (GG)

5530.0 E10a SYN2 USB 06/03/2000 Mon 2247 (GG)

5530.0 E10a CI02 USB 08/03/2000 Wed 0145 (GG)
5530.0 E10a SYN2 USB 08/03/2000 Wed 0145 (GG)
5530.0 E10a CI02 USB 10/03/2000 Fri 0145 (GG)
5530.0 E10a CI02 USB 10/03/2000 Fri 2345 (GG)
5585.0 Chinese Intel. CW 21/02/2000 MON 1900 (IB)
5630.0 E10 VLB2 USB 04/03/2000 Sat 0045 (JM4)
5630.0 E10 VLB2 USB 05/03/2000 Sun 0245 (JM4)
5630.0 E10 VLB2 USB 13/03/2000 Mon 0145 (JM4)
5630.0 E10 VLB2 USB 13/03/2000 Mon 0245 (JM4)
5630.0 E10 VLB2 USB 14/03/2000 Tue 0245 (JM4)
5630.0 E10 //4665 VLB2 USB 14/03/2000 Tue 0345 (JM4)
5630.0 E10 VLB2 USB 15/03/2000 Wed 0245 (JM4)
5630.0 E10 //4665 VLB2 USB 31/03/2000 Fri 0245 (JM4)
5630.0 E10 //4665 VLB2 USN 31/03/2000 Fri 0345 (JM4)
5630.0 E10a VLB2 USB 06/03/2000 Mon 0045 (GG)
5630.0 E10a VLB2 USB 06/03/2000 Mon 2247 (GG)
5630.0 E10a VLB2 USB 08/03/2000 Wed 0145 (GG)
5630.0 E10a VLB2 USB 10/03/2000 Fri 0145 (GG)
5630.0 E10a VLB2 USB 10/03/2000 Fri 2345 (GG)
5715.0 S. Korean Intel. YL/KK 5F. AM 02/02/2000 WED 1600 (IB)
5715.0 s. Korean Intel. YL/KK 5F. AM 20/02/2000 SUN 1605 (IB)
5746 E03 Lincolnshire Poacher. Id 69774 USB 26/03/2000 Sun 2100
5750 M29 vvv 28 28 14 14 3 3 1900 1900 24848 CW 10/03/2000 Fri
1800 (HFD)
5758.0 M08 CW 01/03/2000 Wed 0200 (GW)
5758.5 M08a IDTWN TNADA WDWND (73052 02131 53523); weak CW
08/03/2000 Wed 0200 (GH)
5758.5 M08a In prog under data CW 15/03/2000 Wed 0209 (GH)
5762.0 V02a Barely audible AM 11/03/2000 Sat 0200 (GH)
5762.0 V02a A 14832 89412 23811 AM 13/03/2000 Mon 0400 (JM4)
5762.0 V02a? Reedy carrier, nothing audible AM 06/03/2000 Mon 0434
5810.0 M10A 197. CW 26/02/2000 SAT 1500 (HFD)
5812.0 E05 //4635 rptg 747 Count 141 AM 05/03/2000 Sun 0200 (JM4)
5812.0 E05 rptg 798 count 190 638/93... //4635 AM 08/03/2000 Wed
0200 (GH)
5812.0 E05 //4635 rptg 197 Count 133 AM 09/03/2000 Thu 0200 (JM4)
5812.0 E05 rptg 594 count 132 384/63... //4635 AM 11/03/2000 Sat
0200 (GH)
5812.0 E05 //4635 rptg 514 Count 199 AM 13/03/2000 Mon 0200 (JM4)
5812.0 E05 //4635 rptg 162 Count 168 AM 14/03/2000 Tue 0200 (JM4)
5812.0 E05 rptg 162 count 168 163/79... //4635 AM 14/03/2000 Tue
0200 (GH)
5812.0 E05 rptg 546 count 163 //4635 AM 15/03/2000 Wed 0200 (GH)
5812.0 E05 //4635 rptg 546 Count 163 AM 15/03/2000 Wed 0200 (JM4)
5812.0 E05 //4635 rptg 182 Count 73 AM 16/03/2000 Thu 0200 (JM4)
5812.0 E05 rptg 182 count 73 227/13... //4635 AM 16/03/2000 Thu
0200 (GH)
5812.0 E05 //4635 rptg 466 Count 73 AM 21/03/2000 Tue 0200 (JM4)

5812.0 E05 rptg 466 count 73 //4635 AM 21/03/2000 Tue 0200 (GH)
 5812.0 E05 ID 470 -- //4635 -- YL/EE USB 25/03/2000 Sat 0200 (MS)
 5812.0 E05 ID 190 COUNT 203 -- YL/EE -- //4635M USB 26/03/2000 Sun
 0200 (MS)
 5812.0 E05 ID 190 COUNT 203 -- YL/EE -- //4635M USB 27/03/2000 Mon
 0200 (MS)
 5812.0 E05 ID 557 COUNT 184 -- YL/EE -- //4635M USB 28/03/2000 Tue
 0200 (MS)
 5812.0 E05 ID 053 COUNT 207 -- YL/EE -- //4635M USB 29/03/2000 Wed
 0200 (MS)
 5812.0 E05 ID 094 COUNT 204 -- YL/EE -- //4635M USB 30/03/2000 Thu
 0200 (MS)
 5812.0 E05 ID 094 COUNT 204 -- YL/EE -- //4635M USB 30/03/2000 Thu
 0200 (MS)
 5815.0 G07 418x3 000 AM 06/03/2000 Mon 2110 (JE)
 5820.0 E10 YHF 49 KRUMS USB 08/03/2000 Wed 0130 (GG)
 5820.0 E10 YHF 49 KRUMS USB 10/03/2000 Fri 0130 (GG)
 5820.0 E10 YHF 2 msgs: 55 UOAE/64 YQHDQ USB 10/03/2000 Fri 0200
 (GG)
 5837.0 S07 Russian OM. In Russian calling 482 with msg. USB
 02/03/2000 THU 1732 (PL)
 5944.0 M10 555, Czech Intel. 5F. CW 24/02/2000 THU 0130 (IB)
 6265.0 BCN, Chinese Intel. MCW. //6885. CW 27/02/2000 SUN 1800
 (IB)
 6270.0 E10 //7760 ULX (54) NALUU USB 04/03/2000 Sat 0100 (JM4)
 6270.0 E10 ULX 54 NALUU USB 06/03/2000 Mon 0100 (GG)
 6270.0 E10 ULX 51 XCBJV USB 06/03/2000 Mon 2300 (GG)
 6270.0 E10 ULX 54 NALUU USB 08/03/2000 Wed 0100 (GG)
 6270.0 E10 //7760 ULX USB 09/03/2000 Thu 0100 (JM4)
 6270.0 E10 ULX very weak USB 11/03/2000 Sat 0400 (GH)
 6270.0 E10 //7760 ULX (8) ITKNG USB 13/03/2000 Mon 0100 (JM4)
 6270.0 E10 //4880 ULX (43) QQYFX USB 13/03/2000 Mon 0400 (JM4)
 6270.0 E10 ULX USB 13/03/2000 Mon 0430 (JM4)
 6270.0 E10 ULX USB 13/03/2000 Mon 0500 (JM4)
 6270.0 E10 //4880 ULX USB 14/03/2000 Tue 0400 (JM4)
 6270.0 E10 Mossad YL/EE: in progress @ 1943 USB 30/03/2000 Thu
 1930 (LAZ)
 6270.0 E10 //4880 ULX USB 31/03/2000 Fri 0400 (JM4)
 6355.0 V22 YL/CC. Also on date 08 Feb./2000. AM 21/02/2000 MON
 2030 (IB)
 6370.0 E10 SYN2 USB 31/03/2000 Fri 0245 (JM4)
 6370.0 E10 //4780 SYN2 USB 31/03/2000 Fri 0345 (JM4)
 6370.0 E10a SYN2 USB 10/03/2000 Fri 0145 (GG)
 6370.0 E10a SYN2 USB 10/03/2000 Fri 2345 (GG)
 6465.0 V22 Chinese Intel. YL/CC. AM 06/02/2000 SUN 1630 (IB)
 6465.0 V22 Chinese Intel. YL/CC. AM 14/02/2000 MON 1730 (IB)
 6485.0 E03 41389 //8464 5422. AM 17/02/2000 THU 1700 (HFD)
 6485.0 E03 I.D.=30606, SINP0=34443. //5422 USB 26/03/2000 Sun 2200

(MF)

6498.0	E10	PCD (60) UT__C USB 04/03/2000 Sat 0030 (JM4)
6498.0	E10	PCD 60 UTILC USB 06/03/2000 Mon 0030 (GG)
6498.0	E10	PCD 57 P?HAU USB 06/03/2000 Mon 2300 (GG)
6498.0	E10	PCD (60) UTILC USB 09/03/2000 Thu 0030 (JM4)
6498.0	E10	PCD2 USB 13/03/2000 Mon 0330 (JM4)
6498.0	E10	PCD (81) MPX__ (46) ATBR_ USB 13/03/2000 Mon 0430 (JM4)
6498.0	E10	PCD2 USB 14/03/2000 Tue 0330 (JM4)
6498.0	E10	PCD2 USB 31/03/2000 Fri 0330 (JM4)
6645.0	V08	Jarre mx (1:30), A YL: words (R3), words (no rep). AM 14/02/2000 MON 1900 (HFD)
6658.0	E10	KPA2 USB 09/03/2000 Thu 0115 (JM4)
6658.0	E10	//4360 KPA2 USB 13/03/2000 Mon 0115 (JM4)
6658.0	E10	//4360 KPA2 USB 13/03/2000 Mon 0215 (JM4)
6658.0	E10	//4360 KPA2 USB 13/03/2000 Mon 0315 (JM4)
6658.0	E10	KPA2 USB 13/03/2000 Mon 0415 (JM4)
6658.0	E10	KPA2 USB 14/03/2000 Tue 0315 (JM4)
6658.0	E10	KPA2 USB 15/03/2000 Wed 0215 (JM4)
6658.0	E10	KPA2 USB 21/03/2000 Tue 0215 (JM4)
6658.0	E10	KPA2 USB 31/03/2000 Fri 0215 (JM4)
6658.0	E10	KPA2 USB 31/03/2000 Fri 0415 (JM4)
6658.0	E10a	KPA2 USB 06/03/2000 Mon 0115 (GG)
6658.0	E10a	KPA2 USB 08/03/2000 Wed 0115 (GG)
6658.0	E10a	MIW2 USB 10/03/2000 Fri 0117 (GG)
6658.0	E10a	MIW2 USB 10/03/2000 Fri 0215 (GG)
6658.0	E10a	KPA2 USB 11/03/2000 Sat 0315 (GH)
6735.0		CQ IVY0. CW 05/03/2000 SUN 1733 (EM)
6745.0	E10	MIW2 USB 13/03/2000 Mon 0115 (JM4)
6745.0	E10	//5170 MIW2 USB 13/03/2000 Mon 0215 (JM4)
6745.0	E10	//5170 MIW2 USB 13/03/2000 Mon 0315 (JM4)
6745.0	E10	CI02 USB 13/03/2000 Mon 0415 (JM4)
6745.0	E10	//5170 MIW2 USB 14/03/2000 Tue 0215 (JM4)
6745.0	E10	//5170 MIW2 USB 14/03/2000 Tue 0315 (JM4)
6745.0	E10	MIW2 USB 15/03/2000 Wed 0215 (JM4)
6745.0	E10	//5170 MIW2 USB 21/03/2000 Tue 0215 (JM4)
6745.0	E10	VLB2 USB 31/03/2000 Fri 0145 (JM4)
6745.0	E10	//5170 MIW2 USB 31/03/2000 Fri 0215 (JM4)
6745.0	E10	//5170 MIW2 USB 31/03/2000 Fri 0415 (JM4)
6745.0	E10a	MIW2 USB 06/03/2000 Mon 0115 (GG)
6745.0	E10a	MIW2 USB 08/03/2000 Wed 0115 (GG)
6745.0	E10a	KPA2 USB 10/03/2000 Fri 0117 (GG)
6745.0	E10a	KPA2 USB 10/03/2000 Fri 0215 (GG)
6767.0	M08a	ID 36181 47841 00481 CW 26/03/2000 Sun 1200 (MS)
6768.0	V02a	in progress AM 04/03/2000 Sat 0100 (JM4)
6768.0	V02a	In prog, weak; gone/lost by :47 AM 06/03/2000 Mon 0434
6768.0	V02a	A 56461 59853 53353 AM 13/03/2000 Mon 0400 (JM4)
6770	M29	vvv 23 23 27 27 7 7 0800 0800 53235 CW 14/03/2000 Tue 0700 (HFD)

6770.0 20KHz wide "giggler" jammer 05/03/2000 Sun 0200 (JM4)
 6780.0 "Giggler" jammer +/- 20KHz 13/03/2000 Mon 0100 (JM4)
 6780.0 POSSIBLE M10 -- IP -- ENDS 5F TFC WITH 000 -- USES CUT
 0 CW 25/03/2000 Sat 0218 (MS)
 6796.0 M08a ID 05913 -- IP CW 25/03/2000 Sat 1217 (MS)
 6802.0 E05 //9222 in progress AM 10/03/2000 Fri 1500 (JM4)
 6802.0 E05 //9222 in progress AM 11/03/2000 Sat 1500 (JM4)
 6802.0 E05 //9222 rptg 162 Count 168 AM 14/03/2000 Tue 1500 (JM4)
 6802.0 E05 ID 470 COUNT 51 -- YL/EE -- //9222 USB 25/03/2000 Sat
 1500 (MS)
 6802.0 E05 //9222 rptg 557 Count 184 AM 27/03/2000 Mon 1500 (JM4)
 6802.0 E05 //9222 rptg 053 Count 207 AM 28/03/2000 Tue 1500 (JM4)
 6840.0 Q2M de NYZ k. CW 04/03/2000 SAT 1719 (EM)
 6840.0 E10 EZI weak USB 04/03/2000 Sat 0100 (JM4)
 6840.0 E10 in progress USB 13/03/2000 Mon 0300 (JM4)
 6840.0 E10 //11565 EZI (9) N_OIO USB 14/03/2000 Tue 0300 (JM4)
 6840.0 E10 //11565 EZI USB 15/03/2000 Wed 0300 (JM4)
 6840.0 E10 EZI with 5LG message. USB 20/03/2000 Mon 0300 (JK)
 6840.0 E10 //11565 rptg EZI weak USB 21/03/2000 Tue 0300 (JM4)
 6840.0 E10 Mossad YL/EE: in progress @ 1943 USB 30/03/2000 Thu
 1930 (LAZ)
 6840.0 E10 EZI (9) NZOIA USB 31/03/2000 Fri 0300 (JM4)
 6840.0 E10a EZI2 USB 06/03/2000 Mon 0100 (GG)
 6840.0 E10a EZI2 USB 08/03/2000 Wed 0100 (GG)
 6855.0 V02a unreadable due to low audio AM 13/03/2000 Mon 0300
 6860.0 E06 395-748/219 28287 AM 28/03/2000 Tue 2200 (JE)
 6866.0 M08a ID 07873 68251 46333 CW 25/03/2000 Sat 1300 (MS)
 6867.0 V02a in progress AM 05/03/2000 Sun 1600 (JM4)
 6870 M29 vvv 23 23 27 27 7 7 0800 0800 53235 CW 14/03/2000 Tue
 0730 (HFD)
 6885.0 Chinese Intel. MCW. Also on date 11 Feb./2000. //6265.
 CW 27/02/2000 SUN 1800 (IB)
 6885.0 V09 YL/CC. AM 19/02/2000 SAT 1500 (IB)
 6885.0 V09 Guangzhou Chinese Intel. AM 19/02/2000 SAT 1600 (IB)
 6885.0 V09 Guangzhou Chinese Intel. AM 19/02/2000 SAT 1630 (IB)
 6885.0 V09 Guangzhou, Chinese Intel. YL/CC. Also on dates 5, 15 of
 Feb./2000. USB 25/02/2000 FRI 1500 (IB)
 6885.0 V09 Guangzhou, Chinese Intel. YL/CC. USB 25/02/2000 FRI
 1600 (IB)
 6885.0 V09 Guangzhou Chinese Intel. AM 27/02/2000 SUN 1530 (IB)
 6885.0 V09 Guangzhou calling. YL/CC. //10750 on AM mode. Send msg
 nr 1 gr 33. USB 11/03/2000 SAT 1530 (IB)
 6932.0 M08a ID 73813 34913 05913 -- RPT OF 1217Z ON 6796M CW
 25/03/2000 Sat 1300 (MS)
 6933.0 M08a ID 91813 26453 21503 CW 25/03/2000 Sat 1200 (MS)
 6945.0 Long numbers sent in 5 number groups. CW 01/03/2000 Wed
 1000 (GW)
 6959 E03 Lincolnshire Poacher. Id 69774 USB 26/03/2000 Sun 2100

6959.0 E03 I.D.=38111, SINPO=44444. //9251-jammed USB 30/03/2000
Thu 2100 (MF)
6982.0 M08a ID 36181 47841 00481 -- RPT OF 1200Z ON 6767M CW
26/03/2000 Sun 1300 (MS)
6986.0 E10 ART 44 DTYSA USB 10/03/2000 Fri 0400 (GG)
6986.0 E10 ART grp (4?)4 HTBSA USB 11/03/2000 Sat 0400 (GH)
6986.0 E10 //5435 ART (44) DT_SA USB 13/03/2000 Mon 0400 (JM4)
6986.0 E10 ART2 USB 13/03/2000 Mon 0500 (JM4)
6986.0 E10 //5435 ART (44) DTYSA USB 14/03/2000 Tue 0400 (JM4)
6986.0 E10 5LG in prog, very weak USB 14/03/2000 Tue 0408 (GH)
6986.0 E10 //5435 ART (44) DTYSA USB 31/03/2000 Fri 0400 (JM4)
7555.0 V02 Under AM broadcast station. AM 05/03/2000 Sun 0300 (GW)
7570.0 370-138. Chinese number station. YL/CC. Without msg. AM
24/02/2000 THU 2100 (IB)
7581.0 M08a ID 24502 -- SKED IN PROGRESS CW 30/03/2000
Thu 0824 (MS)
7581.0 M08a ID 24502 -- SKED IN PROGRESS CW 30/03/2000
Thu 0824 (MS)
7620.0 S06 Unusual transmission. Low # of grps. 967 R4 251 251 33
56338 40503 34210 00000. USB 27/03/2000 MON 0600 (ANUK)
7737.0 M01a Russian Military. 3F+5F. CW 17/02/2000 THU 0620 (IB)
7750.0 V09 YL/CC. //10750. Also on dates 5, 15 of Feb./2000. AM
25/02/2000 FRI 1630 (IB)
7750.0 V09 Chinese Intel. YL/CC. Also on dates 5, 11, and 15 of
Feb./2000. AM 27/02/2000 SUN 1700 (IB)
7750.0 V09 Chinese Intel. YL/CC. Also on dates 5, 11, 15, 19, 25
of Feb./2000. AM 27/02/2000 SUN 1730 (IB)
7750.0 V09 YL/CC 4F. Send msg nr 2 gr 15. AM 11/03/2000 SAT 1700
7750.0 V09 YL/CC. (qru). AM 11/03/2000 SAT 1730 (IB)
7750.0 V09 9612 1714 5591 8879 4313. AM 11/03/2000 SAT 1839 (IB)
7760.0 E10 ULX in prog; @:10 rpt group _4 N(A?)LUU USB 03/03/2000
Fri 0103 (GH)
7760.0 E10 //6270 ULX (54) NALUU USB 04/03/2000 Sat 0100 (JM4)
7760.0 E10 ULX 54 NALUU USB 06/03/2000 Mon 0100 (GG)
7760.0 E10 ULX 54 NALUU USB 08/03/2000 Wed 0100 (GG)
7760.0 E10 ULX weak into 5LG at least to :10 USB 08/03/2000 Wed
0100 (GH)
7760.0 E10 //6270 ULX USB 09/03/2000 Thu 0100 (JM4)
7760.0 E10 ULX grp ?? N(0?)LUU USB 12/03/2000 Sun 0100 (GH)
7760.0 E10 //6270 ULX (8) ITKNG USB 13/03/2000 Mon 0100 (JM4)
7761.0 E10 Short Mossad msg. ID=ULX grp=8. USB 14/03/2000 TUE 0100
(WS)
7862.0 V02 ID 172 01 -- YL/SS -- 2 FINALS AM 25/03/2000 Sat 1006
7887.0 V02a A 96859 36533 95401 AM 05/03/2000 Sun 0200 (JM4)
7889.0 M08a ID 07873 68251 46333 -- RPT OF 1300Z ON 6866M -- VY
WEAK CW 25/03/2000 Sat 1400 (MS)
7890.0 M08a ID 91813 26453 21053 -- RPT OF 1200Z ON 6933M CW
25/03/2000 Sat 1300 (MS)

7891.0 M08a Cuban Intel. 5Fcut in progress. CW 05/02/2000 SAT 1331
7918.0 E10 USB 03/03/2000 Fri 0200 (GW)
7918.0 E10 YHF weak USB 04/03/2000 Sat 0130 (JM4)
7918.0 E10 YHF2 USB 05/03/2000 Sun 0130 (JM4)
7918.0 E10 YHF (55) UOAE_ USB 05/03/2000 Sun 0200 (JM4)
7918.0 E10 YHF (68) FSTYL USB 05/03/2000 Sun 0230 (JM4)
7918.0 E10 YHF 68 FSTYL USB 06/03/2000 Mon 0230 (GG)
7918.0 E10 YHF 2 msgs: 55 UOAE/? ???? USB 07/03/2000 Tue 0200 (GG)
7918.0 E10 YHF weak USB 07/03/2000 Tue 0200 (GH)
7918.0 E10 YHF 68 FSTYL USB 07/03/2000 Tue 0230 (GG)
7918.0 E10 5LG in prog CW 07/03/2000 Tue 0246 (GH)
7918.0 E10 YHF 49 KRUMS USB 08/03/2000 Wed 0130 (GG)
7918.0 E10 YHF 2 msgs: 55 UOAE/64 YQHDQ USB 08/03/2000 Wed 0200 (GG)
7918.0 E10 5LG in prog very weak, at least to :16 USB 08/03/2000 Wed 0206 (GH)
7918.0 E10 YHF very weak USB 08/03/2000 Wed 0230 (GH)
7918.0 E10 YHF (49) _RU_S USB 09/03/2000 Thu 0130 (JM4)
7918.0 E10 YHF USB 09/03/2000 Thu 0200 (JM4)
7918.0 E10 YHF 49 KRUMS USB 10/03/2000 Fri 0130 (GG)
7918.0 E10 YHF 2 msgs: 55 UOAE/64 YQHDQ USB 10/03/2000 Fri 0200 (GG)
7918.0 E10 YHF weak into 5LG USB 11/03/2000 Sat 0200 (GH)
7918.0 E10 YHF grp ? _JU_Y (??); QRN, breaking up USB 11/03/2000 Sat 0230 (GH)
7918.0 E10 YHF barely aud into 5LG USB 11/03/2000 Sat 0430 (GH)
7918.0 E10 YHF (55) UOAE (64) YQHDQ USB 13/03/2000 Mon 0200 (JM4)
7918.0 E10 YHF (70) CSYUH USB 13/03/2000 Mon 0230 (JM4)
7918.0 E10 YHF into 5LG, very noisy; still up @:24 USB 14/03/2000 Tue 0200 (GH)
7918.0 E10 YHF (55) UOAE (64) YQHDQ USB 14/03/2000 Tue 0200 (JM4)
7918.0 E10 YHF USB 14/03/2000 Tue 0230 (JM4)
7918.0 E10 YHF group 70 F_Y_F USB 14/03/2000 Tue 0230 (GH)
7918.0 E10 YHF USB 15/03/2000 Wed 0200 (GH)
7918.0 E10 YHF (55) UOAE (64) YQHDQ USB 15/03/2000 Wed 0200 (JM4)
7918.0 E10 YHF (70) CSYUH USB 15/03/2000 Wed 0230 (JM4)
7918.0 E10 5LG in prog USB 15/03/2000 Wed 0247 (GH)
7918.0 E10 YHF (55) UOAE (64) YDHDQ USB 16/03/2000 Thu 0200 (JM4)
7918.0 E10 YHF weak into 5LG USB 16/03/2000 Thu 0200 (GH)
7918.0 E10 YHF weak into 5LG; up at least to :52 USB 16/03/2000 Thu 0230 (GH)
7918.0 E10 YHF group 76 (?) ZV0TD... USB 21/03/2000 Tue 0200 (GH)
7918.0 E10 YHF (76) ZV0TD USB 21/03/2000 Tue 0200 (JM4)
7918.0 E10 YHF group 70 CSYUH... USB 21/03/2000 Tue 0230 (GH)
7918.0 E10 YHF (70) CSYUH USB 21/03/2000 Tue 0230 (JM4)
7918.0 E10 YHF weak into 5LG; gone/lost by :47 USB 21/03/2000 Tue 0430 (GH)

7918.0 E10 //9382 YHF (44) KRYMS (22) _UHBF USB 31/03/2000 Fri
0130 (JM4)
7918.0 E10 YHF (76) ZVO_D USB 31/03/2000 Fri 0200 (JM4)
7918.0 E10 YHF USB 31/03/2000 Fri 0230 (JM4)
8067.5 M08a RNWAD IWDNN RIURD (62513 75322 67463) CW 09/03/2000 Thu
0500 (GH)
8085.0 E05 i/p USB 06/03/2000 Mon 1719 (JMM)
8085.0 E05 rptg 555 Count 65 AM 14/03/2000 Tue 0400 (JM4)
8085.0 E05 rptg 555 count 65 640/10... AM 14/03/2000 Tue 0400 (GH)
8085.0 E05 rptg 555 count 65 640/10 057/43... //10643 AM
21/03/2000 Tue 0400 (GH)
8096.5 M08a RDTAN ARAMA NUTGD (63012 16191 24083) CW 06/03/2000 Mon
0500 (GH)
8096.5 M08a in progress CW 13/03/2000 Mon 0500 (JM4)
8097.0 V02a With Atencion 25252 32242 01652 @ UT 0513. After 3
finals, went into Morse. USB 09/03/2000 THU 0500 (GH)
8097.0 V02a Atencion 25252 32242 01652, 3 finals & into aborted UT
0600/9238 M8a call AM 09/03/2000 Thu 0513 (GH)
8097.0 V02a Atencion 90662 32253 92993; nb late start AM 15/03/2000
Wed 0610 (GH)
8136.0 M08a CW 05/03/2000 Sun 1000 (GW)
8136.0 M08a ID 79213 02802 05913 CW 25/03/2000 Sat 1100 (MS)
8136.5 M08a? Nothing heard to :11 CW 07/03/2000 Tue 0800 (GH)
8136.5 M08a? Nothing to :33 CW 21/03/2000 Tue 0820 (GH)
8157.0 M14 IN PROGRESS -- BT BT 710 710 165 165 000000 -- ABOUT 18
WPM, T=0, 5FGx2 CW 29/03/2000 Wed 0812 (MS)
8170.0 M14 rptg 637 637 637 00000 T=0 +60db/S9 MCW 05/03/2000 Sun
0200 (JM4)
8186.0 V02 YL/SS 5FGx1. At 572/81 pauses in call; no "81/xx
afterward". AM 27/02/2000 SUN 0720 (GH)
8187.5 M08a MNIUA MTNDA GUURA (92741 90231 84461) CW 21/03/2000 Tue
0500 (GH)
8190 S17C 99033 USB 02/03/2000 Thu 1250 (HFD)
8190 S17C 99036 USB 06/03/2000 Mon 1250 (HFD)
8190 S17C 99036 USB 11/03/2000 Sat 1250 (HFD)
8190 S17C 91034 USB 13/03/2000 Mon 1250 (HFD)
8190 S17C 19034 (19036 ?) USB 13/03/2000 Sun 1250 (HFD)
8190 S17C 99037 USB 19/03/2000 Sun 1250 (HFD)
8190 S17C 99032 USB 26/03/2000 Sun 1250 (HFD)
8190.0 S17C 94034. AM 06/02/2000 SUN 1250 (HFD)
8190.0 S17C 94034. AM 06/02/2000 SUN 1250 (HFD)
8190.0 S17C 11032. AM 13/02/2000 SUN 1250 (HFD)
8190.0 S17C 93036 AM 20/02/2000 SUN 1250 (HFD)
8190.0 S17C 90034. AM 25/02/2000 FRI 1250 (HFD)
8190.0 S17C 75032. AM 26/02/2000 SAT 1250 (HFD)
8300.0 V13 YL/CC 4FGx2 w/flute interval. AM 26/02/2000 SAT 1500
8307.0 M23 Schedule 579, SINPO=34443. //9285 CW 26/03/2000 Sun
1400 (MF)

8307.5 M23? 479 (?); very weak CW 07/03/2000 Tue 0800 (GH)
8375.0 Chinese Intel. MCW. CW 08/02/2000 TUE 1730 (IB)
8375.0 V22 Chinese Intel. YL/CC. Also on dates 2 5 11 12 16 19 of
Feb./2000 AM 24/02/2000 THU 1600 (IB)
8375.0 V22 Chinese Intel. YL/CC. 1300 1330 1400
1500(3-7,10-13,17-21,24-26.) AM 26/02/2000 SAT 1500
8437.0 M22 CW 04/03/2000 Sat 0200 (GW)
8437.0 M22 CW 15/03/2000 Wed 0000 (GW)
8437.0 M22 VVV DE 4XZ //10045 //17050 CW 22/03/2000 Wed 0202
8464.0 E03 IP, //14487 12603. AM 17/02/2000 THU 1620 (HFD)
8464.0 E03 41389 //6485 5422. AM 17/02/2000 THU 1700 (HFD)
8495 MX Russian navy Vladivostok. Channelmarker F CW 26/03/2000
Sun 2047 (AB)
8676.0 V02 Atencion 616/02 02/57, weak+QRM; rptg call @:12 AM
08/03/2000 Wed 0202 (GH)
8676.0 V02 Transmission has changed from freq 9024.0 USB
15/03/2000 WED 0200 (JM4)
8676.0 V02 A 616/02 and 02/49 AM 15/03/2000 Wed 0200 (JM4)
8676.0 V02 Atencion 616/02 02/49 48916...; 2 finals w/rpt AM
15/03/2000 Wed 0200 (GH)
8940.0 V02 In prog; rpt @:11 Atencion 663/01 584/08 01/47 08/52, 2
finals AM 21/03/2000 Tue 0607 (GH)
8992.0 V02? Nothing heard AM 21/03/2000 Tue 0400 (GH)
9024.0 V02 AM 01/03/2000 Wed 0200 (GW)
9024.0 V02a? Nothing by :24 (ditto 9260) AM 08/03/2000 Wed 0200 (GH)
9024.0 V02a? Nothing to :33 AM 21/03/2000 Tue 0820 (GH)
9062.0 M08 CW 10/03/2000 Fri 0500 (JC)
9062.5 M08a UNIGN MUAWN WMGAA (42782 94152 59811) CW 03/03/2000 Fri
0500 (GH)
9062.5 M08a In prog; _____ GNNIN GATWA, had to lower IF to hear but
then strong CW 09/03/2000 Thu 0406 (GH)
9063.0 V02 AM 02/03/2000 Thu 0200 (GW)
9063.0 V02a late start AM 09/03/2000 Thu 0200 (JM4)
9063.0 V02a A 93052 84952 50931 AM 16/03/2000 Thu 0200 (JM4)
9063.0 V02a Atencion 93072 84972 50931; bonus groups AM 16/03/2000
Thu 0200 (GH)
9090.0 E05 SINPO=44444 USB 13/03/2000 Mon 2200 (MF)
9130.0 E10 EZI2 USB 09/03/2000 Thu 0100 (JM4)
9130.0 E10 Mossad YL/EE: v.weak USB 30/03/2000 Thu 1930 (LAZ)
9130.0 E10a EZI2 jammed USB 03/03/2000 Fri 0100 (GH)
9130.0 E10a EZI2 USB 06/03/2000 Mon 0100 (GG)
9130.0 E10a EZI2 USB 07/03/2000 Tue 0130 (GG)
9130.0 E10a EZI2 USB 08/03/2000 Wed 0100 (GG)
9130.0 E10a (EZI?)2 jammed USB 12/03/2000 Sun 0100 (GH)
9152.0 M08a ID 79213 02802 05913 -- RPT OF 1100Z ON 8136M CW
25/03/2000 Sat 1200 (MS)
9153.0 M08a ID 70112 26531 05912 CW 24/03/2000 Fri 1000 (MS)
9153.5 M08a MNIUA MTNDA GUURA (92741 90231 84461); bonus groups CW

21/03/2000 Tue 0600 (GH)

9205.0 E05 The counting station . Misses call up. Very weak. Could not find parallel. USB 14/03/2000 TUE 0300 (JM4)

9205.0 E05 in progress AM 14/03/2000 Tue 0300 (JM4)

9205.0 E05 rptg 200 Count 73 AM 21/03/2000 Tue 0300 (JM4)

9207.0 E05 ID 000 GC 166 089 62 930 90. USB 13/03/2000 MON 0800 (JE)

9207.0 E05 ID 000 GC 166 USB 13/03/2000 Mon 0800 (JE)

9207.0 E05 Very short transmission. USB 17/03/2000 FRI 0800 (JE)

9219.0 E05 i/p USB 06/03/2000 Mon 1719 (JMM)

9222.0 E05 AM 03/03/2000 Fri 9200 (GW)

9222.0 E05 //6802 in progress AM 10/03/2000 Fri 1500 (JM4)

9222.0 E05 //6802 in progress AM 11/03/2000 Sat 1500 (JM4)

9222.0 E05 //6802 rptg 162 Count 168 AM 14/03/2000 Tue 1500 (JM4)

9222.0 E05 454 COUNT 136 -- YL/EE -- //4635 USB 24/03/2000 Fri 0207 (MS)

9222.0 E05 ID 470 COUNT 51 -- YL/EE -- //6802 USB 25/03/2000 Sat 1500 (MS)

9222.0 E05 //6802 rptg 557 Count 184 AM 27/03/2000 Mon 1500 (JM4)

9222.0 E05 //6802 rptg 053 Count 207 AM 28/03/2000 Tue 1500 (JM4)

9222.0 E05 ID 094 COUNT 204 -- YL/EE -- //4635M USB 31/03/2000 Fri 0200 (MS)

9222.0 E05 //4635 rptg 094 Count 204 AM 31/03/2000 Fri 0200 (JM4)

9230.0 V02 CALLS 238 02 YL/SS AM 22/03/2000 Wed 0207 (MS)

9238.5 M08 Came up promptly with RNWAD IWDNN RIURD. CW 09/03/2000 THU 0600 (GH)

9238.5 M08a RNWAD IWDNN RIURD (62513 75322 67463) CW 09/03/2000 Thu 0600 (GH)

9238.5 M08a? Nothing to :32 CW 21/03/2000 Tue 0600 (GH)

9239.0 M08a ID 74251 26532 18411 CW 26/03/2000 Sun 1100 (MS)

9239.5 M08a IUNWN WWIMN NDNMA (74252 55792 23291); freq is correct CW 15/03/2000 Wed 0400 (GH)

9251.0 E03 I.D.=69774, SINPO=44444. //6959 USB 26/03/2000 Sun 2100 (MF)

9251.0 E03 I.D.=26685, SINPO=34444. //7337 USB 28/03/2000 Tue 2000 (MF)

9251.0 E03 I.D.=71971, SINPO=44444. //7337 USB 28/03/2000 Tue 2100 (MF)

9251.0 E03 I.D.=64299, SINPO=44344. //6959 USB 28/03/2000 Tue 2200 (MF)

9323.0 M08 CW 04/03/2000 Sat 1000 (GW)

9323.0 M08a ID 70113 69831 72561 CW 25/03/2000 Sat 1000 (MS)

9323.0 V02a In prog; _____ 32242 01652, 3 finals AM 09/03/2000 Thu 0406 (GH)

9330.5 M08a In prog CW 06/03/2000 Mon 0434 (GH)

9331.0 V02a In prog; _____ 32252 92992, 3 finals AM 08/03/2000 Wed 0512 (GH)

9331.0 V02a Atencion 90662 32253 92993; false start resumed @:05 AM

15/03/2000 Wed 0500 (GH)

9333.0 V02 Spanish Lady YL/EE: In progress @ 0645 AM 13/03/2000
Mon 0630 (LAZ)

9342.0 P7X DE L10 -- IN PROG W/5L GROUP TFC -- HANDSENT MORSE
-- L10 DE P7X ALSO SAME F CW 26/03/2000 Sun 1110 (MS)

9382.0 E10 //7918 YHF (44) KRYMS (22) _UHBF USB 31/03/2000 Fri
0130 (JM4)

9725.0 V13 YL/CC 4FGx2 w/flute interval. AM 26/02/2000 SAT 1500

10040.0 Two morse stations on same freq. One sending VVV VVV,
other sending 444 444. CW 12/03/2000 SUN 0904 (ANUK)

10040.0 Starting to hear it now. Weak signal. 12/03/2000 SUN
1930 (CS)

10045.0 M22 VVV DE 4XZ //17050 //8437 CW 22/03/2000 Wed 2330 (MS)

10046.0 M22 CW 01/03/2000 Wed 0200 (GW)

10126.0 M08a ID 70112 26531 05912 -- RPT OF 1000Z ON 9153M CW
24/03/2000 Fri 1100 (MS)

10126.0 V02a A 26423 84951 19653 AM 09/03/2000 Thu 0100 (JM4)

10126.0 V02a CALLS 38782 84973 74931 YL/SS AM 22/03/2000 Wed 0100
(MS)

10200.0 BKG, Chinese Intel. MCW. Also on date 2 Feb./2000. CW
15/02/2000 tue 1700 (IB)

10200.0 V22 Chinese Intel. YL/CC. AM 14/02/2000 MON 1600 (IB)

10200.0 V22 Chinese Intel. YL/CC. AM 24/02/2000 THU 1630 (IB)

10235.5 M08a in progress CW 14/03/2000 Tue 0400 (JM4)

10235.5 M08a In prog, buzzy CW 14/03/2000 Tue 0408 (GH)

10235.5 M08a 2 groups, some V2a & recovered in prog; msg @:21 GAIRA
(81761) CW 21/03/2000 Tue 0400 (GH)

10235.5 M08a in progress CW 31/03/2000 Fri 0400 (JM4)

10236.0 M08a Unid. Cuban Intel. 5Fcut in progress. Ended with ar ar
ar sk sk sk. CW 13/02/2000 SUN 0427 (IB)

10240.0 E17Z Transmission had many breaks and started 3 times. 274
585 58 58x5f grps. 00000. AM 29/03/2000 WED 1400 (ANUK)

10317.0 V02 A 238/02 and 02/58 changed from 8532 AM 09/03/2000 Thu
0200 (JM4)

10317.0 V02 A 238/02 and 02/51 AM 16/03/2000 Thu 0200 (JM4)

10317.0 V02 Atencion 238/02 02/51 31251... AM 16/03/2000 Thu 0200

10344.5 M08a WWIMD TMUAN NDNMN (55793 09412 23292); last 2 poss.
uncertain CW 16/03/2000 Thu 0300 (GH)

10346.0 M08a ID 70113 69831 72561 -- RPT OF 1000Z ON 9323M CW
25/03/2000 Sat 1100 (MS)

10355.0 M22 VVV DE 4XZ //18480 CW 22/03/2000 Wed 2327 (MS)

10423.0 E05 rptg 980 count [early, :09] 163 691/17... //12197 much
stronger AM 12/03/2000 Sun 2200 (GH)

10446.0 M08a ID 63703 06693 CW 31/03/2000 Fri 0812 (MS)

10446.0 V02a Unid. Cuban Intel. YL/SS 5F IN PROGRESS. AM 26/02/2000
SAT 0523 (IB)

10446.0 V02a Atencion 32241 59413 29472; nb late start, bonus call
at UT 0457 AM 06/03/2000 Mon 0505 (GH)

10446.0 V02a In prog; ----- 31741 13171 (? 13161 @ UT 0200, prob
 error here), 3 finals AM 08/03/2000 Wed 0304 (GH)
 10446.0 V02a A 13163 34553 52811 AM 13/03/2000 Mon 0300 (JM4)
 10446.0 V02a late start w/M8a on broadcast AM 13/03/2000 Mon 0500
 10446.0 V02a ----- 38451; suddenly up @:17 AM 15/03/2000 Wed
 0300 (GH)
 10446.0 V02a Very weak. AM 20/03/2000 Mon 0300 (JK)
 10583.0 E05 ID 212 COUNT .24 -- YL/EE -- VY VY VY WEAK -- //11580
 USB 25/03/2000 Sat 2100 (MS)
 10642 S10E 111 83476 17 43427 14 55186 15 57516 18... 83476 57 17
 47104... 43427 45 14 10426... 55186 75 15 57204...
 57516 24 18 07455... 000 USB 10/03/2000 Fri 1300 (HFD)
 10642.0 S10E 26652-14/17 24446. AM 13/02/2000 SUN 1300 (HFD)
 10643.0 E05 rptg 555 count 65 640/10 057/43... //8085 AM 21/03/2000
 Tue 0400 (GH)
 10648.0 E10 5LG in prog USB 06/03/2000 Mon 0434 (GH)
 10665.0 V05 //11491 rptg 002 Grupo 101 AM 13/03/2000 Mon 0300 (JM4)
 10665.0 V05 rptg 002 grupo [missed] AM 16/03/2000 Thu 0300 (GH)
 10665.0 V05 //11491 rptg 002 Grupo 101 AM 16/03/2000 Thu 0300 (JM4)
 10665.0 V05 YL Rptg 002 grupo 101 USB 20/03/2000 Mon 0300 (JK)
 10666.0 V05 Unid CIA. YL/SS 5F IN PROGRESS. AM 14/02/2000 MON 0332
 (IB)
 10671.0 V02 Cuban Intel YL/SS 5F. AM 14/02/2000 MON 0613 (IB)
 10714.0 M08a ID 36182 -- IN PROGRESS CW 28/03/2000 Tue
 0216 (MS)
 10714.5 M08a RGUND RWTAD UDUWD (68423 65013 43453) CW 07/03/2000 Tue
 0200 (GH)
 10714.5 M08a IUNWA WWIMA UDDAA (74251 55791 43311); early, weird
 fuzztone CW 14/03/2000 Tue 0200 (GH)
 10714.5 M08a MMNWA ITWWA DAGNA (99251 70551 31821) CW 21/03/2000 Tue
 0200 (GH)
 10750.0 V09 Guangzhou Chinese Intel. YL/CC. AM 19/02/2000 SAT 1500
 (IB)
 10750.0 V09 YL/CC. AM 19/02/2000 SAT 1600 (IB)
 10750.0 V09 YL/CC. AM 19/02/2000 SAT 1630 (IB)
 10750.0 V09 YL/CC. AM 27/02/2000 SUN 1530 (IB)
 10872 MX Russian navy Vladivostok. Channelmarker F CW 26/03/2000
 Sun 2047 (AB)
 10875.0 V02 Spanish female. Quality signal poor. USB 24/03/2000 FRI
 0808 (ANUK)
 11002.0 M10 Czech like. More than 20 gps. Headers 1: 555 555 555
 648 648 648 87 296 296 296 296. CW 29/02/2000 TUE 1642
 11130.0 E06 395-748/219 28287 AM 28/03/2000 Tue 1600 (JE)
 11209.0 XW whales 31/03/2000 Fri 0400 (JM4)
 11430.0 V13 YL/CC 4FGx2 w/flute interval. AM 26/02/2000 SAT 1500
 11430.0 V13 YL/CC 4FGx2 w/flute interval AM 09/03/2000 Thu 1500
 11431.0 V02a ID 19012 56443 -- YL/SS AM 31/03/2000 Fri 0814
 11431.5 M08a Tone x2, long (15 s) & x2, up in msg 1 @:04; msg @:25

GAIRA (81761) CW 21/03/2000 Tue 0500 (GH)

11432.0 E05 ID -- SKED IN PROGRESS CW 30/03/2000
Thu 0829 (MS)

11432.0 M08a ID -- IN PROGRESS CW 28/03/2000 Tue
0836 (MS)

11432.0 M08a ID -- SKED IN PROGRESS CW 30/03/2000
Thu 0829 (MS)

11432.5 M08a IAMGA IIDDN RMINN (71981 77332 69722); msg 1 @:08 CW
07/03/2000 Tue 0806 (GH)

11432.5 M08a ----- AWTUN (----- 15042) CW 21/03/2000 Tue
0820 (GH)

11491.0 E05 rptg 863 count 94 866/_4... AM 19/03/2000 Sun 2000 (GH)

11491.0 V05 //10665 rptg 002 Grupo 101 AM 13/03/2000 Mon 0300 (JM4)

11491.0 V05 //10665 rptg 002 Grupo 101 AM 16/03/2000 Thu 0300 (JM4)

11545.0 E03 //12603//13375 rptg 95292. USB 26/02/2000 SAT 1500

11545.0 E03 //12603//13375 rptg 15333 - 13 jammed USB 03/03/2000
Fri 1500 (JM4)

11545.0 E03 //12603//13375 weak - 13 jammed w/"giggler" USB
03/03/2000 Fri 1600 (JM4)

11545.0 E03 //12603//13375 weak - 13 jammed by "giggler" USB
04/03/2000 Sat 1600 (JM4)

11545.0 E03 I.D.=28429, SINPO=44444. //9251 USB 07/03/2000 Tue 2200
(MF)

11545.0 E03 //14487//16084 rptg 14473 USB 08/03/2000 Wed 1500 (JM4)

11545.0 E03 //12603//13375 rptg 28429 USB 09/03/2000 Thu 1500 (JM4)

11545.0 E03 //12603//13375 weak USB 11/03/2000 Sat 1500 (JM4)

11545.0 E03 LP calling 07752 USB 18/03/2000 Sat 2200 (GH)

11545.0 E03 I.D. missed. SINPO=34443. //12603,13375 USB 19/03/2000
Sun 1600 (MF)

11545.0 E03 I.D.missed. SINPO=34443. //12603,13375 USB 19/03/2000
Sun 1700 (MF)

11545.0 E03 I.D.missed.SINPO=34443. //9251-heavily jammed USB
19/03/2000 Sun 1900 (MF)

11545.0 E03 In progress. SINPO=34443. //9251 USB 26/03/2000 Sun
1900 (MF)

11545.0 E03 //13375//15682 rptg 24031 USB 27/03/2000 Mon 1500 (JM4)

11545.0 E03 I.D.=10879, SINPO=44433. //9251 USB 28/03/2000 Tue 1900
(MF)

11565.0 AM 17/03/2000 Fri 0430 (DAN)

11565.0 E10 Fairly strong reception AM 14/03/2000 Tue 0004 (BS)

11565.0 E10 //6840 EZI (9) N_OIO USB 14/03/2000 Tue 0300 (JM4)

11565.0 E10 //6840 EZI USB 15/03/2000 Wed 0300 (JM4)

11565.0 E10 EZI group 86 IVUZI //13533 weaker USB 15/03/2000 Wed
0430 (GH)

11565.0 E10 //6840 rptg EZI weak USB 21/03/2000 Tue 0300 (JM4)

11565.0 E10 EZI group 86 SVUZI..., rpt truncated; //13533 USB
21/03/2000 Tue 0430 (GH)

11565.0 E10 EZI 86 IVUZI USB 21/03/2000 Tue 0430 (GG)

11565.0 E10 Missed start and end, overlayed by a radio station...
 USB 23/03/2000 Thu 2013 (PD)
 11565.0 E10 Mossad YL/EE: in progress @ 1935 USB 30/03/2000 Thu
 1930 (LAZ)
 11565.0 E10 Mossad YL/EE: v.weak USB 30/03/2000 Thu 1945 (LAZ)
 11565.0 E10a EZI2 USB 10/03/2000 Fri 0200 (GG)
 11565.0 E10a EZI2 //13533 USB 21/03/2000 Tue 0500 (GH)
 11566.0 V02a A 50533 83512 64853 AM 31/03/2000 Fri 0300 (JM4)
 11566.0 V02a? Good carrier, nothing but faint M8a bleed audible AM
 17/03/2000 Fri 0300 (GH)
 11580.0 E05 ID 212 COUNT .24 -- YL/EE -- VY VY VY WEAK -- //10583
 USB 25/03/2000 Sat 2100 (MS)
 12012.0 V09 Guangzhou Chinese Intel. YL/CC. AM 05/02/2000 SAT 1600
 (IB)
 12012.0 V09 Guangzhou Chinese Intel. YL/CC. Also on date 19
 Feb./2000. AM 25/02/2000 FRI 1700 (IB)
 12012.0 V09 Guangzhou Chinese Intel. YL/CC. Also on date 11
 Feb./2000. AM 27/02/2000 SUN 1630 (IB)
 12012.0 V09 YL/CC. (qru). AM 11/03/2000 SAT 1630 (IB)
 12166.0 E06 Englisg Man. OE/EE COUNT 1234567890, (rptd). AM
 15/02/2000 TUE 0755 (IB)
 12180.0 V02a Atencion 96879 31741 13161 AM 08/03/2000 Wed 0200 (GH)
 12180.0 V02a A 89633 14251 38451 AM 15/03/2000 Wed 0200 (JM4)
 12180.0 V02a In prog AM 15/03/2000 Wed 0200 (GH)
 12197.0 E05 rptg 980 count [early, :09] 163 691/17... //10423 weak
 AM 12/03/2000 Sun 2200 (GH)
 12215.0 V02 very weak USB 11/03/2000 Sat 0000 (GG)
 12215.0 V02 Signal deteriorated during monitoring time, channel
 clear. AM 18/03/2000 Sat 0000 (PUK)
 12215.0 V02 Signal deteriorated during monitoring time, channel
 clear. AM 18/03/2000 Sat 0000 (PUK)
 12215.0 V02A In progress. AM 26/02/2000 SAT 0000 (JM4)
 12215.0 V02a ID 14963 40093 38563 -- YL/SS AM 24/03/2000 Fri 0202
 12215.0 V02a ID 43682 .8.02 38172 -- VY WEAK -- YL/SS AM 25/03/2000
 Sat 0000 (MS)
 12215.0 V02a A 50533 83512 64853 AM 31/03/2000 Fri 0200 (JM4)
 12300.0 V05 QRN AM 04/03/2000 Sat 0300 (GW)
 12300.5 V05 rptg 382 grupo [missed] //14421 AM 07/03/2000 Tue 0300
 12300.5 V05 rptg 382 grupo 78 985/13... //14421 AM 11/03/2000 Sat
 0300 (GH)
 12300.5 V05 //14421 rptg 382 Grupo 78 AM 14/03/2000 Tue 0300 (JM4)
 12300.5 V05 rptg 382 grupo 78 985/13... //14421 weak AM 14/03/2000
 Tue 0300 (GH)
 12300.5 V05 rptg 982 grupo 72 (78?) 985/1_..., weak; //14421 AM
 21/03/2000 Tue 0300 (GH)
 12602.0 E03 Unid. M16. YL/EE 5F in progress. USB 18/02/2000 FRI
 1645 (IB)
 12603.0 E03 IP, //14487 8464. AM 17/02/2000 THU 1620 (HFD)

12603.0 E03 //11545//13375 rptg 95292. USB 26/02/2000 SAT 1500
12603.0 E03 //11545//13375 rptg 15333 - 13 jammed USB 03/03/2000
Fri 1500 (JM4)
12603.0 E03 //11545//13375 weak - 13 jammed w/"giggler" USB
03/03/2000 Fri 1600 (JM4)
12603.0 E03 //11545//13375 weak - 13 jammed by "giggler" USB
04/03/2000 Sat 1600 (JM4)
12603.0 E03 //11545//13375 rptg 28429 USB 09/03/2000 Thu 1500 (JM4)
12603.0 E03 //11545//13375 weak USB 11/03/2000 Sat 1500 (JM4)
13190.0 E10 //15016//17966 CI02 USB 31/03/2000 Fri 0145 (JM4)
13190.0 E10 //15016//17966 CI02 USB 31/03/2000 Fri 0245 (JM4)
13190.0 E10 //15016//17966 CI02 USB 31/03/2000 Fri 0345 (JM4)
13375.0 "giggler" jammer +/- 20KHz of LP 09/03/2000 Thu 1500
13375.0 E03 //11545//12603 rptg 95292. USB 26/02/2000 SAT 1500
13375.0 E03 //11545//12603 rptg 15333 - 13 jammed USB 03/03/2000
Fri 1500 (JM4)
13375.0 E03 //11545//12603 weak - 13 jammed w/"giggler" USB
03/03/2000 Fri 1600 (JM4)
13375.0 E03 //11545//12603 weak - 13 jammed by "giggler" USB
04/03/2000 Sat 1600 (JM4)
13375.0 E03 //11545//12603 rptg 28429 USB 09/03/2000 Thu 1500 (JM4)
13375.0 E03 in progress - jammed by wide-band "giggler" USB
10/03/2000 Fri 1500 (JM4)
13375.0 E03 //11545//12603 weak USB 11/03/2000 Sat 1500 (JM4)
13375.0 E03 Weak LP tune USB 11/03/2000 Sat 1609 (GH)
13375.0 E03 //11545//15682 rptg 24031 USB 27/03/2000 Mon 1500 (JM4)
13380.0 V02a Atencion 95942 12241 16981; bonus group & car alarm
@0556 AM 15/03/2000 Wed 0600 (GH)
13400.0 S06 265-863/? AM 11/03/2000 Sat 1700 (JE)
13412 XPH 14/03/2000 Tue 0700 (HFD)
13451.0 E17 58484 52329 80193. YL EE 5FGX2. Ends 894 894 152 152
00000. AM 16/03/2000 THU 0304 (GH)
13451.0 E17 In prog, ends 894 894 152 152 00000 AM 16/03/2000 Thu
0304 (GH)
13451.0 E17 rptg 267 into 894 894 152 152, ends 00000 AM 17/03/2000
Fri 0300 (GH)
13452.0 V05 Unid. YL/SS 5F in progress. AM 09/02/2000 WED 0121 (IB)
13452.0 V05 rptg 314 grupo [missed]; @:24 rpt grupo 172 375/40...
//15651 AM 03/03/2000 Fri 0100 (GH)
13452.0 V05 rptg 314 grupo 172 375/40... //15651 weak AM 08/03/2000
Wed 0100 (GH)
13452.0 V05 //15651 in progress AM 31/03/2000 Fri 0100 (JM4)
13528 MX Russian navy Vladivostok. Channelmarker F CW 26/03/2000
Sun 2047 (AB)
13533.0 E10 in progress USB 13/03/2000 Mon 0445 (JM4)
13533.0 E10 EZI2 USB 13/03/2000 Mon 0500 (JM4)
13533.0 E10 EZI group 86 IVUZI //11565 much stronger USB 15/03/2000
Wed 0430 (GH)

13533.0 E10 EZI group ? FYJ(Y?)P; 34 counted USB 15/03/2000 Wed 0530 (GH)
13533.0 E10 EZI group 86 SVUZI..., rpt truncated; //11565 USB 21/03/2000 Tue 0430 (GH)
13533.0 E10 EZI group 38 (?) FYJUP...; count of 34 for March 15 prob wrong USB 21/03/2000 Tue 0530 (GH)
13533.0 E10a EZI2 CW 06/03/2000 Mon 0500 (GH)
13533.0 E10a EZI2 USB 08/03/2000 Wed 0200 (GH)
13533.0 E10a EZI2 USB 15/03/2000 Wed 0200 (GH)
13533.0 E10a EZI2 USB 15/03/2000 Wed 0500 (GH)
13533.0 E10a EZI2 strong USB 21/03/2000 Tue 0200 (GH)
13533.0 E10a EZI2 //11565 USB 21/03/2000 Tue 0500 (GH)
13545.0 E06 958x3 00000 AM 11/03/2000 Sat 1400 (JE)
13750.0 E13 AM 05/03/2000 Sun 1400 (GW)
13750.0 V13 YL/CC 4FGx2 w/Flute interval. AM 26/02/2000 SAT 1500
13750.0 V13 YL/CC 4FGx2 w/flute interval AM 05/03/2000 Sun 1600
13750.0 V13 YL/CC 4FGx2 w/flute interval AM 09/03/2000 Thu 1500
13750.0 V13 YL/CC 4FGx2 AM 14/03/2000 Tue 1500 (JM4)
13906.0 E05 Unid CIA. YL/EE 5F //15732. AM 02/02/2000 WED 1241 (IB)
13906.0 V05 Unid CIA. YL/SS 5F in progress. AM 09/02/2000 WED 0121
14000.0 E10 ZWL Net. SINPO=33333 USB 19/03/2000 Sun 1250 (MF)
14421.0 V05 AM 04/03/2000 Sat 0300 (GW)
14421.0 V05 rptg 382 grupo [missed] //12300.5 AM 07/03/2000 Tue 0300 (GH)
14421.0 V05 rptg 382 grupo 78 985/13... //12300.5 AM 11/03/2000 Sat 0300 (GH)
14421.0 V05 rptg 382 grupo 78 985/13... //12300.5 much stronger AM 14/03/2000 Tue 0300 (GH)
14421.0 V05 //12300.5 rptg 382 Grupo 78 AM 14/03/2000 Tue 0300
14421.0 V05 rptg 982 grupo 72 (78?) 985/1_..., weak; //12300.5 AM 21/03/2000 Tue 0300 (GH)
14440.0 BKG. Chinese Intel. MCW. CW 05/02/2000 SAT 1800 (IB)
14487.0 E03 IP, //12603 8464. AM 17/02/2000 THU 1620 (HFD)
14487.0 E03 //11545//16084 rptg 14473 USB 08/03/2000 Wed 1500 (JM4)
14610.0 S06 631x3 00000 USB 02/03/2000 Thu 1625 (JE)
14649.0 M23 310. CW 19/02/2000 SAT 0934 (IB)
14739.0 E05 513 CIA. YL/EE 5F. //16198 count 215. AM 19/02/2000 SAT 1301 (IB)
14912 XPH 14/03/2000 Tue 0720 (HFD)
15016.0 E10 //13190//17966 CI02 USB 31/03/2000 Fri 0145 (JM4)
15016.0 E10 //13190//17966 CI02 USB 31/03/2000 Fri 0245 (JM4)
15016.0 E10 //13190//17966 CI02 USB 31/03/2000 Fri 0345 (JM4)
15651.0 V05 rptg 314 grupo [missed]; @:24 rpt grupo 172 375/40... //13452 AM 03/03/2000 Fri 0100 (GH)
15651.0 V05 rptg 314 grupo 172 375/40... //13452 very strong AM 08/03/2000 Wed 0100 (GH)
15651.0 V05 //13452 in progress AM 31/03/2000 Fri 0100 (JM4)
15682.0 E03 //11545//13375 rptg 24031 USB 27/03/2000 Mon 1500 (JM4)

15732.0 E05 Unid CIA. YL/EE 5F //13906. AM 02/02/2000 WED 1241 (IB)
 16084.0 E03 //11545//14487 rptg 14473 USB 08/03/2000 Wed 1500 (JM4)
 16090.0 M42 GVS. Fapsi Russia. gvs qsy 18477 rptd. Gvs qsy 19666
 rptd. CW 18/02/2000 FRI 0651 (IB)
 16112 XPH 14/03/2000 Tue 0740 (HFD)
 16198.0 E05 CIA. YL/EE 5F //14739 count 215. AM 19/02/2000 SAT 1301
 (IB)
 16520.0 V22 Beijing. Chinese Intel. YL/CC. Also on date 5
 Feb./2000. AM 20/02/2000 SUN 0000 (IB)
 16540.0 V22 Beijing. Chinese Intel. YL/CC. Also on date 4
 Feb./2000. AM 18/02/2000 FRI 0930 (IB)
 16835.0 V22 Beijing. Chinese Intel. YL/CC. Also on date 1
 Feb./2000. AM 16/02/2000 WED 0100 (IB)
 17050.0 M22 CW 03/03/2000 Fri 0100 (GW)
 17050.0 M22 CW 04/03/2000 Sat 0100 (GW)
 17050.0 M22 VVV DE 4XZ //8437 //10045 CW 22/03/2000 Wed 2308 (MS)
 17310.0 BKG. Chinese Intel. MCW. CW 19/02/2000 SAT 0730 (IB)
 17310.0 V22 Beijing. Chinese Intel. YL/CC. AM 15/02/2000 TUE 0630
 17499.0 E03a //22108 weak USB 09/03/2000 Thu 0000 (JM4)
 17499.0 E03a Weak CR tune USB 12/03/2000 Sun 2200 (GH)
 17499.0 E04 (E03a). YL/EE 5F. //24644. USB 01/02/2000 TUE 2215 (IB)
 17966.0 E10 //13190//15016 CI02 USB 31/03/2000 Fri 0145 (JM4)
 17966.0 E10 //13190//15016 CI02 USB 31/03/2000 Fri 0245 (JM4)
 17966.0 E10 //13190//15016 CI02 USB 31/03/2000 Fri 0345 (JM4)
 18020.0 V22 Beijing. Chinese Intel. YL/CC. Also on date 10
 Feb./2000. AM 15/02/2000 TUE 1730 (IB)
 18475.0 V02 ID 978 03 -- YL/SS -- TFC IN PROGRESS AM 22/03/2000 Wed
 2305 (MS)
 18480.0 M22 VVV DE 4XZ //10355 CW 22/03/2000 Wed 2250 (MS)
 19884.0 E03a //21866 weak USB 09/03/2000 Thu 0100 (JM4)
 19884.0 E03a //21866 weak USB 13/03/2000 Mon 0100 (JM4)
 21635.0 E05 093, CIA. YL/EE 5F //22782. AM 22/02/2000 WED 0107 (IB)
 21866.0 E03a //19884 weak USB 09/03/2000 Thu 0100 (JM4)
 21866.0 E03a //19884 weak USB 13/03/2000 Mon 0100 (JM4)
 21866.0 E04 Weak CR tune USB 03/03/2000 Fri 0100 (GH)
 21866.0 E04 CR stronger than 22108; 0(2157??) USB 08/03/2000 Wed
 0100 (GH)
 22108.0 E03a CR tune, very weak; _4___ ?? USB 07/03/2000 Tue 0000
 22108.0 E03a //17499 weak USB 09/03/2000 Thu 0000 (JM4)
 22108.0 E04 CR tune barely audible USB 08/03/2000 Wed 0100 (GH)
 22782.0 E05 093. CIA. YL/EE 5F. //21635. AM 22/02/2000 WED 0107
 24644.0 E04 (E03a). YL/EE 5F. //17499. AM 01/02/2000 TUE 2215 (IB)

::: Contributors log section

AB Ary Boender, Netherlands
 AK Axel Kruse, Germany
 ANUK Anon, UK

BS	Ben Sinclair, Iowa, USA
CS	Chris Smolinski, USA
DAN	Dan, north east USA
EW	Erwann Merrien, France
GG	Gallus Galus, W.Europe
GH	Greg Hajek, IL, USA
GW	Green Wyvern, TX, USA
HFD	Hans-Friedrich Dumrese, Germany
IB	Igor Buhtiyarov, Russia
IJ	Ian Julian, New Zealand
JC	J. Callinger, AZ, USA
JE	Joerg Eberhardt, Germany
JK	Jeff Kelso, OR, USA
JM4	John Maky, Arkansas, USA
JMM	JMM, France
LAZ	Lazarus, CA, USA
MF	Mike Ford, UK
MS	Mark Slaten, MI, USA
PAP	PAPA001, USA
PB	Paul Beaumont, UK
PD	Peter, Germany
PL	Pertti Laine, Finland
PUK	Phil, UK
TM	Tom Mazanec, USA
VW	Vince Weber, UK
WER	Werner
WS	William Spiropoulous, USA

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